

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626GMS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	4	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	5	AUG 02 CAPlus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	6	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	7	AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	8	AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	9	SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS	10	SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	11	SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS	12	SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ
NEWS	13	SEP 27 STANDARDS will no longer be available on STN
NEWS	14	SEP 27 SWETSCAN will no longer be available on STN
NEWS	15	SEP 30 STN downtime scheduled October 2-3, 2004
NEWS EXPRESS		JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:11:46 ON 04 OCT 2004

=&gt;

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=&gt; FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:12:00 ON 04 OCT 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 OCT 2004 HIGHEST RN 756446-64-7

DICTIONARY FILE UPDATES: 3 OCT 2004 HIGHEST RN 756446-64-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

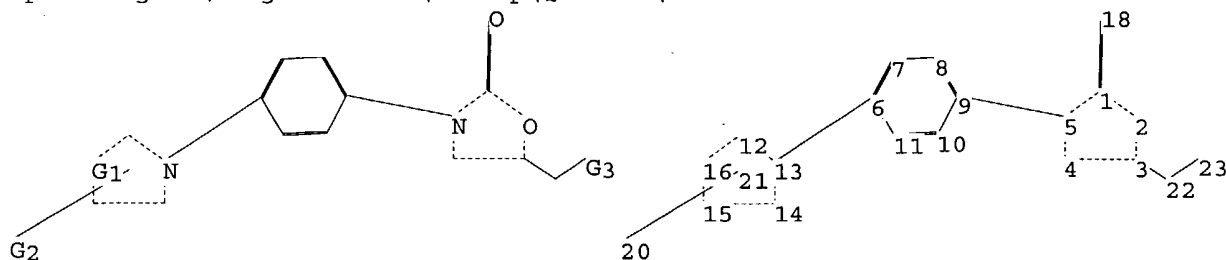
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=&gt;

Uploading C:\Program Files\Stnexp\Queries\10032392.str



chain nodes :

18 20 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

chain bonds :

1-18 3-22 5-9 6-13 22-23

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-16 13-14  
14-15 15-16

exact/norm bonds :

1-2 1-5 1-18 2-3 3-4 3-22 4-5 5-9 6-13 12-13 12-16 13-14 14-15 15-16  
22-23

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11

isolated ring systems :

containing 1 : 6 : 12 :

G1:O,S

G2:O,S

G3:O,N,X

Match level :

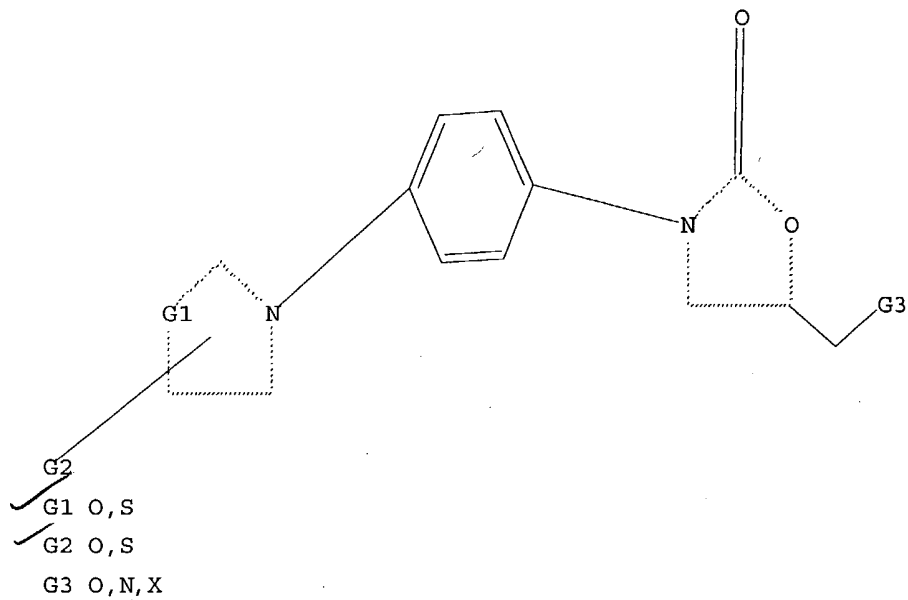
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 20:CLASS 21:CLASS  
22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=&gt; d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

10032392.trn

10/04/2004

=> s l1

SAMPLE SEARCH INITIATED 11:12:48 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 11 TO 389  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 11:12:55 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 188 TO ITERATE

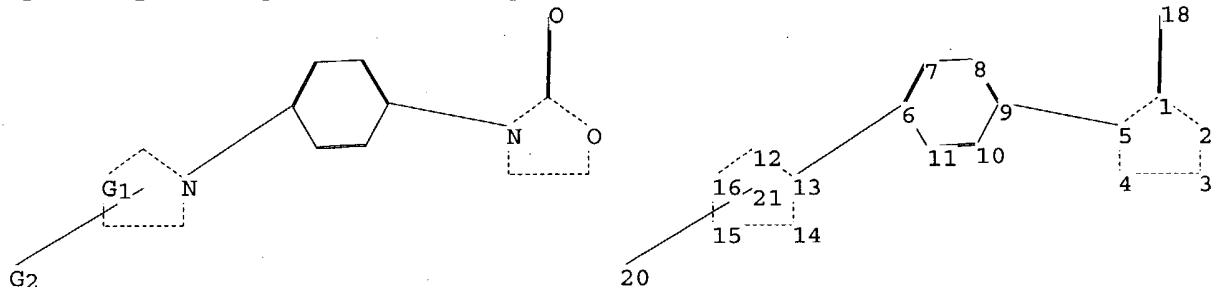
100.0% PROCESSED 188 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10032392a.str



chain nodes :

18 20

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

chain bonds :

1-18 5-9 6-13

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-16 13-14  
14-15 15-16

exact/norm bonds :

1-2 1-5 1-18 2-3 3-4 4-5 5-9 6-13 12-13 12-16 13-14 14-15 15-16

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11

isolated ring systems :

containing 1 : 6 : 12 :

G1:O,S

G2:O,S

G3:O,N,X

Match level :

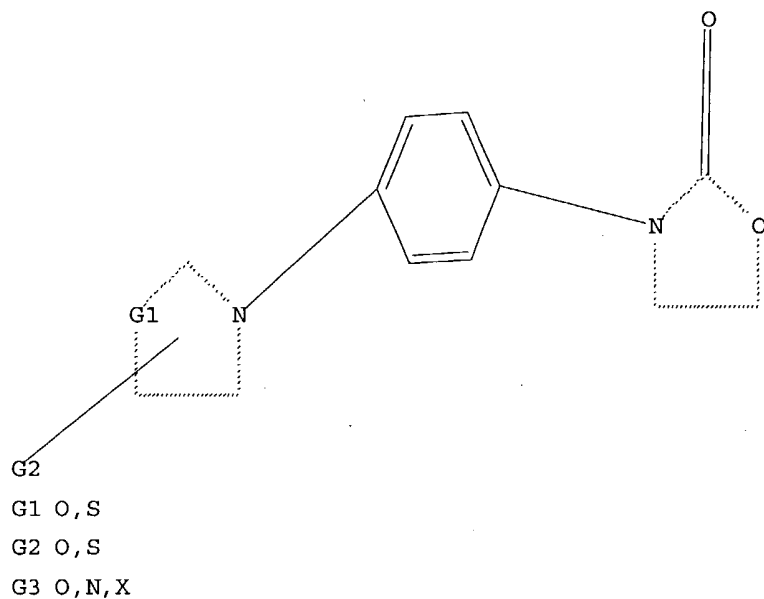
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 20:CLASS 21:CLASS

L4 STRUCTURE UPLOADED

=&gt; d l4

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=&gt; s l4

SAMPLE SEARCH INITIATED 11:14:02 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 11 TO 389  
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=&gt; s l4 sss full

FULL SEARCH INITIATED 11:14:08 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 213 TO ITERATE

10/04/2004

0 ANSWERS

 $\Rightarrow$ 

18 22

```
ring nodes :
```

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----

chain bonds :

1-18    5-9    6-13    12-22

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-16 13-14  
14-15 15-16

exact/norm bonds :

1-2 1-5 1-18 2-3 3-4 4-5 5-9 6-13 12-13 12-16 12-22 13-14 14-15 15-16

normalized bonds :

6-7    6-11    7-8    8-9    9-10    10-11

isolated ring systems :

containing 1 : 6 : 12 :

G1:0,S

G2 : 0, S

G3 : O, N, X

Match level :

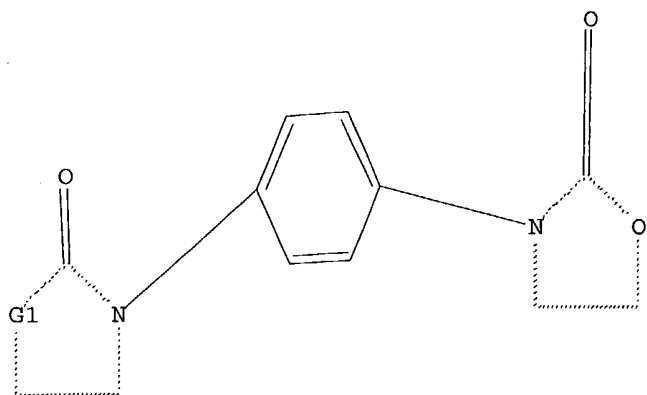
```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 22:CLASS
```

L7            STRUCTURE   UPLOADED

$$\Rightarrow d \mid 17$$

L7 HAS NO ANSWERS

L7 STR



G1 O,S

G2 O,S

G3 O,N,X

Structure attributes must be viewed using STN Express query preparation.

=&gt; s 17

SAMPLE SEARCH INITIATED 11:16:01 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: 2 TO 124

L8 2 SEA SSS SAM L7

=&gt; FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

312.94

313.15

FILE 'CAPLUS' ENTERED AT 11:16:10 ON 04 OCT 2004

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 4 Oct 2004 VOL 141 ISS 15  
FILE LAST UPDATED: 3 Oct 2004 (20041003/ED)

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s l7 sss full

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 11:16:21 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 129 TO ITERATE

100.0% PROCESSED 129 ITERATIONS  
SEARCH TIME: 00.00.01

92 ANSWERS

L9 92 SEA SSS FUL L7

L10 9 L9

=> d his

(FILE 'HOME' ENTERED AT 11:11:46 ON 04 OCT 2004)

FILE 'REGISTRY' ENTERED AT 11:12:00 ON 04 OCT 2004

L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 0 S L1 SSS FULL  
L4 STRUCTURE UPLOADED  
L5 0 S L4  
L6 0 S L4 SSS FULL  
L7 STRUCTURE UPLOADED  
L8 2 S L7

FILE 'CAPLUS' ENTERED AT 11:16:10 ON 04 OCT 2004  
S L7

FILE 'REGISTRY' ENTERED AT 11:16:20 ON 04 OCT 2004

L9 92 S L7 SSS FULL

FILE 'CAPLUS' ENTERED AT 11:16:21 ON 04 OCT 2004

L10 9 S L9 SSS FULL

=> s l10 and py<=2000  
20625355 PY<=2000

L11 6 L10 AND PY<=2000

=> d l10 ibib abs hitstr tot

L10 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2004:430626 CAPLUS

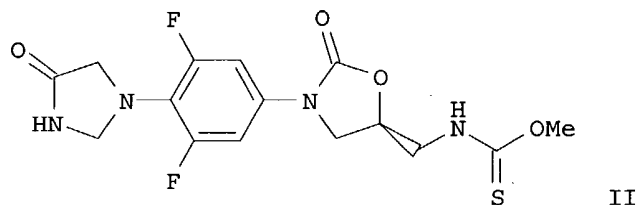
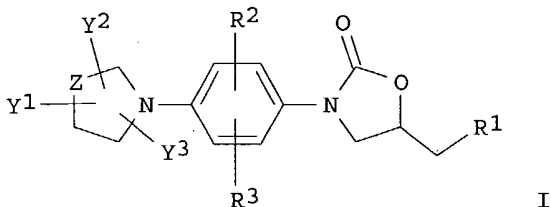


10/04/2004

DOCUMENT NUMBER: 141:7113  
 TITLE: Preparation of novel heterocyclic compounds having antibacterial activity  
 INVENTOR(S): Selvakumar, Natesan; Das, Jagattaran; Trehan, Sanjay; Iqbal, Javed; Kumar, Magadi Sitaram; Rajagopalan, Ramanujam; Rao, Mamidi Naga Venkata Srinivasa  
 PATENT ASSIGNEE(S): Reddy's Laboratories Limited, India; Reddy's Laboratories Inc.  
 SOURCE: U.S. Pat. Appl. Publ., 100 pp., Cont.-in-part of U.S. Pat. Appl. 2003 65,175.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004102494	A1	20040527	US 2003-613414	20030703
US 2003065175	A1	20030403	US 2001-32392	20011221
US 2004059120	A1	20040325	US 2003-632950	20030801
PRIORITY APPLN. INFO.:			IN 2000-MA1124	A 20001226
			IN 2001-MA15	A 20010115
			US 2001-32392	A2 20011221

OTHER SOURCE(S): MARPAT 141:7113  
 GI



AB The title compds. [I; R1 = NHR4 (wherein R4 = thioacyl, C(S)cycloalkoxy, C(S)aryloxy, etc.); R2, R3 = H, halo, alkyl, etc.; Y1 = O, S; Y2, Y3 = H, halo, CN, etc.; Z = O, S, CH, CH2, (un)substituted NH], useful for inhibiting the growth of bacteria in a subject having a bacterial infection (MIC values given for some of the compds. I), were prepared E.g., a multi-step synthesis of II was given. The pharmaceutical composition comprising the compound I is claimed.

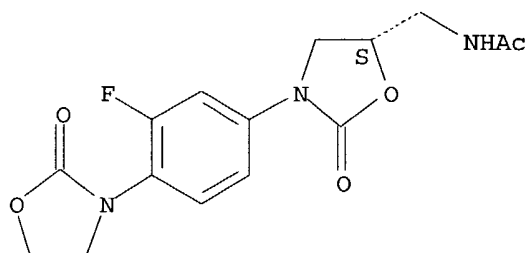
IT 439902-96-2P 439903-81-8P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of novel 4-(4-oxoimidazol-1-yl)phenyl substituted oxazolidinones having antibacterial activity)

RN 439902-96-2 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

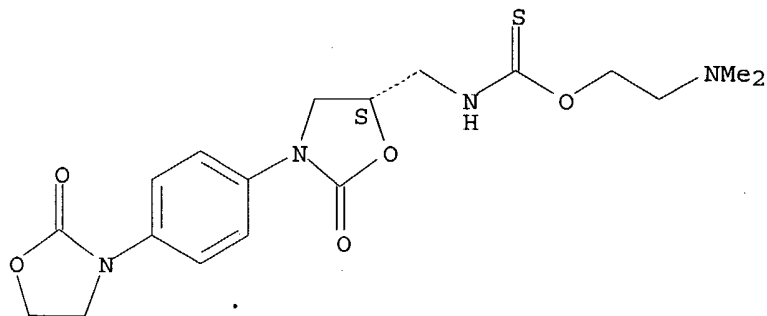
Absolute stereochemistry.



RN 439903-81-8 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-[2-(dimethylamino)ethyl] ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 439902-57-5P 439902-64-4P 439902-65-5P  
439902-66-6P 439902-67-7P 439902-76-8P  
439902-80-4P 439902-81-5P 439902-82-6P  
439902-83-7P 439902-88-2P 439902-90-6P  
439902-91-7P 439902-94-0P 439902-95-1P  
439902-97-3P 439902-98-4P 439902-99-5P  
439903-00-1P 439903-01-2P 439903-02-3P  
439903-03-4P 439903-11-4P 439903-12-5P  
439903-13-6P 439903-14-7P 439903-15-8P  
439903-16-9P 439903-17-0P 439903-27-2P  
439903-28-3P 439903-31-8P 439903-32-9P  
439903-33-0P 439903-34-1P 439903-37-4P  
439903-38-5P 439903-39-6P 439903-40-9P  
439903-42-1P 439903-43-2P 439903-44-3P  
439903-45-4P 439903-46-5P 439903-47-6P  
439903-53-4P 439903-54-5P 439903-55-6P  
439903-56-7P 439903-57-8P 439903-59-0P  
439903-63-6P 439903-65-8P 439903-67-0P  
439903-91-0P 439903-92-1P 439903-93-2P

439903-94-3P 439903-95-4P 439903-96-5P  
439903-97-6P 439903-98-7P 439903-99-8P  
439904-00-4P 439904-01-5P 439904-02-6P  
439904-03-7P 439904-04-8P 693787-34-7P  
693787-41-6P 693787-42-7P 693787-64-3P

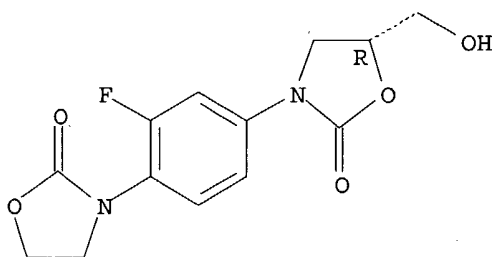
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of novel 4-(4-oxoimidazol-1-yl)phenyl substituted  
oxazolidinones having antibacterial activity)

RN 439902-57-5 CAPLUS

CN 2-Oxazolidinone, 3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-  
(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

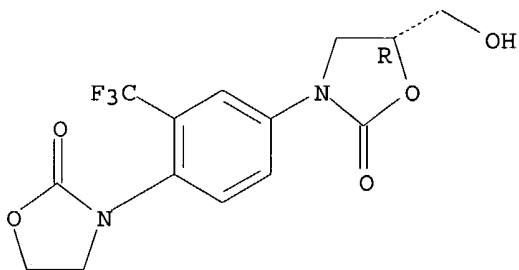
Absolute stereochemistry.



RN 439902-64-4 CAPLUS

CN 2-Oxazolidinone, 5-(hydroxymethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-  
(trifluoromethyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

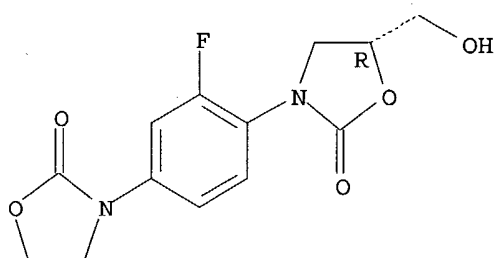
Absolute stereochemistry.



RN 439902-65-5 CAPLUS

CN 2-Oxazolidinone, 3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-  
(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

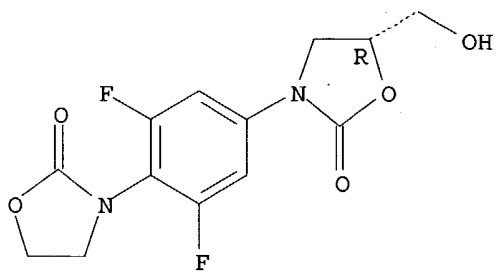
Absolute stereochemistry.



RN 439902-66-6 CAPLUS

CN 2-Oxazolidinone, 3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

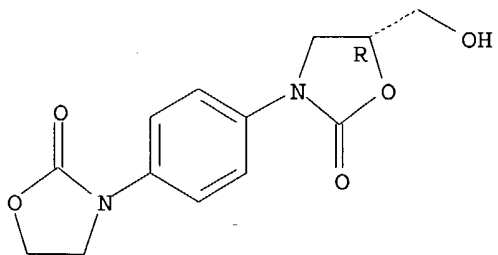
Absolute stereochemistry.



RN 439902-67-7 CAPLUS

CN 2-Oxazolidinone, 5-(hydroxymethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

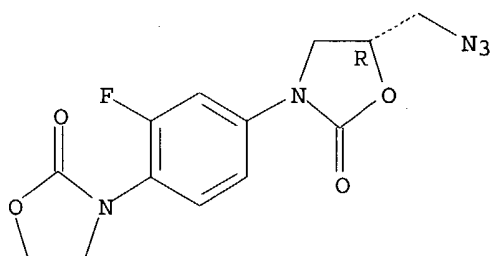
Absolute stereochemistry.



RN 439902-76-8 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

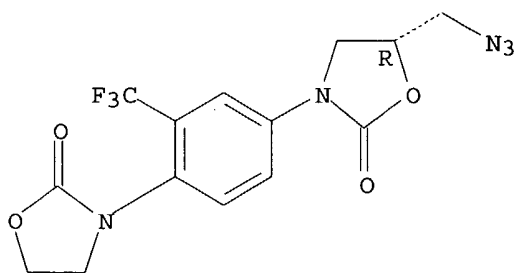
Absolute stereochemistry.



RN 439902-80-4 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

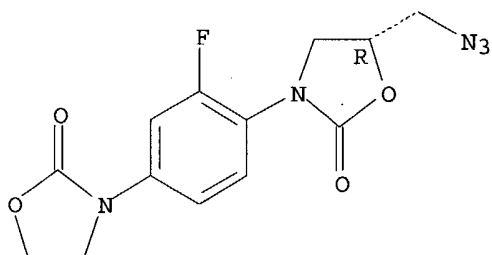
Absolute stereochemistry.



RN 439902-81-5 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

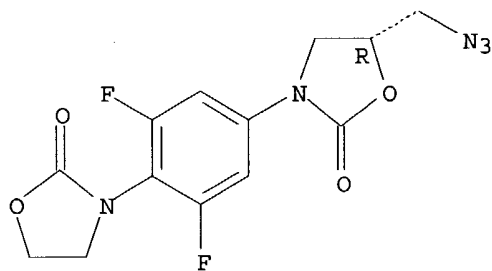
Absolute stereochemistry.



RN 439902-82-6 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

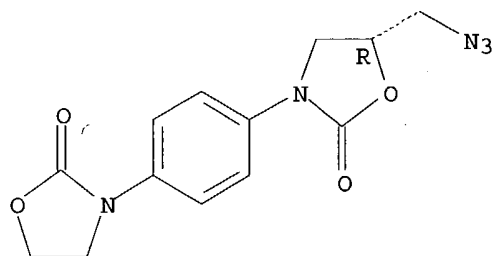
Absolute stereochemistry.



RN 439902-83-7 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

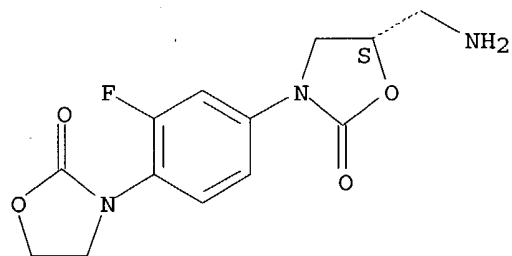
Absolute stereochemistry.



RN 439902-88-2 CAPLUS

CN 2-Oxazolidinone, 5-(aminomethyl)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

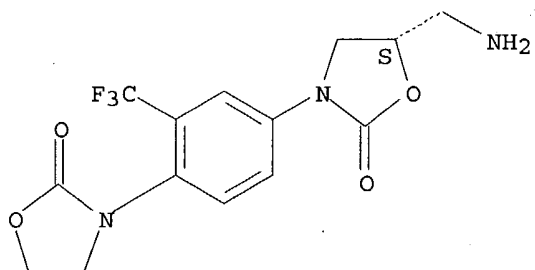
Absolute stereochemistry.



RN 439902-90-6 CAPLUS

CN 2-Oxazolidinone, 5-(aminomethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

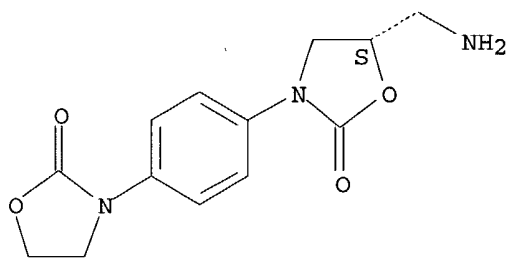
Absolute stereochemistry.



RN 439902-91-7 CAPLUS

CN 2-Oxazolidinone, 5-(aminomethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

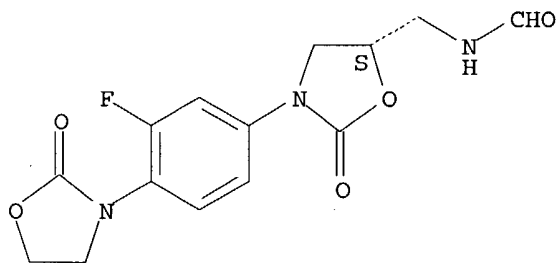
Absolute stereochemistry.



RN 439902-94-0 CAPLUS

CN Formamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

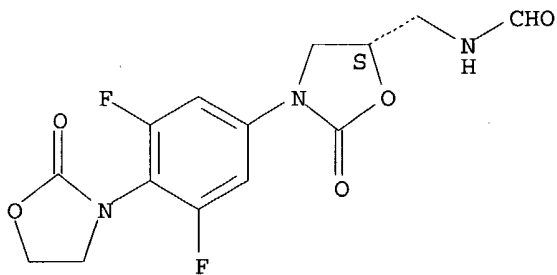
Absolute stereochemistry.



RN 439902-95-1 CAPLUS

CN Formamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

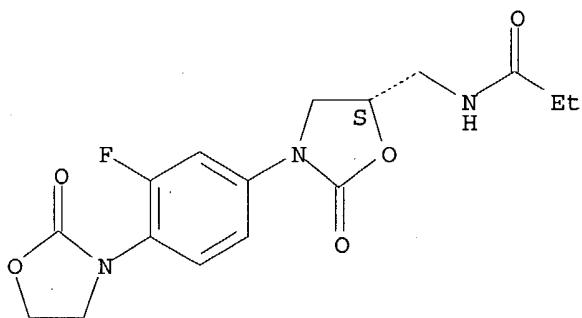
Absolute stereochemistry.



RN 439902-97-3 CAPLUS

CN Propanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

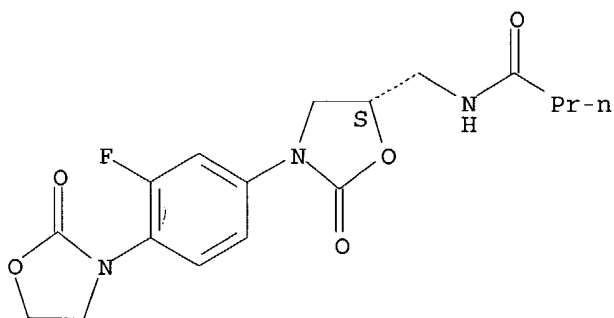
Absolute stereochemistry.



RN 439902-98-4 CAPLUS

CN Butanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

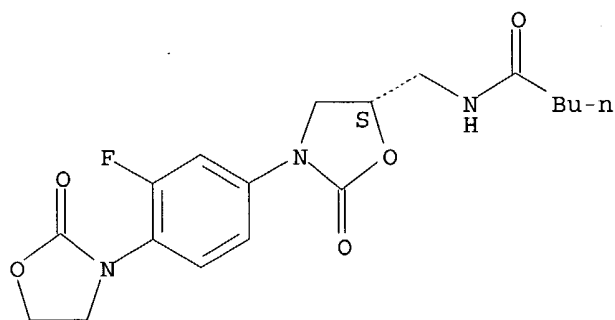


RN 439902-99-5 CAPLUS

CN Pentanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

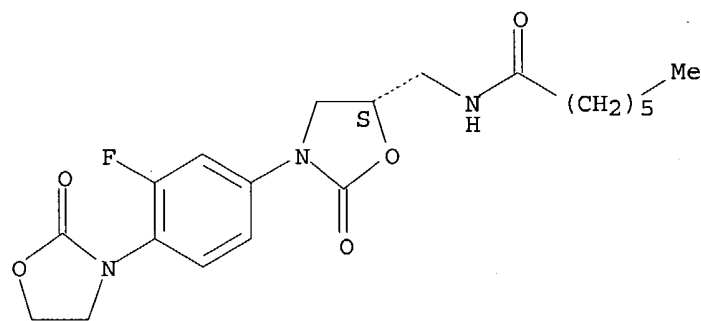




RN 439903-00-1 CAPLUS

CN Heptanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

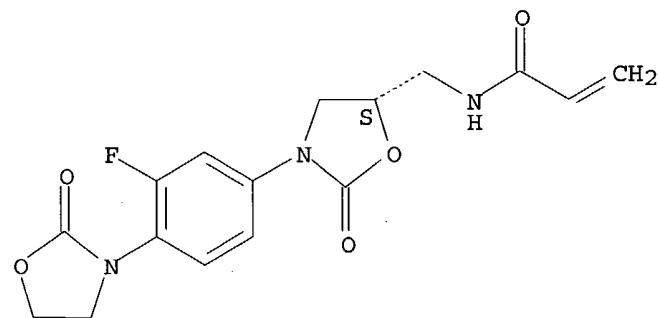
Absolute stereochemistry.



RN 439903-01-2 CAPLUS

CN 2-Propenamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

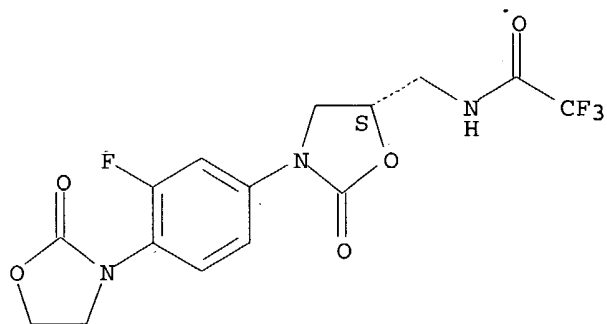
Absolute stereochemistry.



RN 439903-02-3 CAPLUS

CN Acetamide, 2,2,2-trifluoro-N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

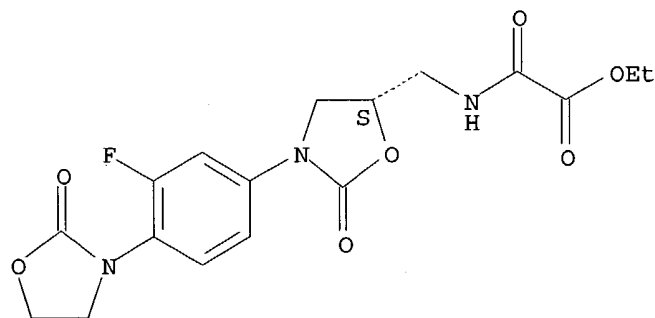
Absolute stereochemistry.



RN 439903-03-4 CAPLUS

CN Acetic acid, [[[5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]amino]oxo-, ethyl ester (9CI) (CA INDEX NAME)

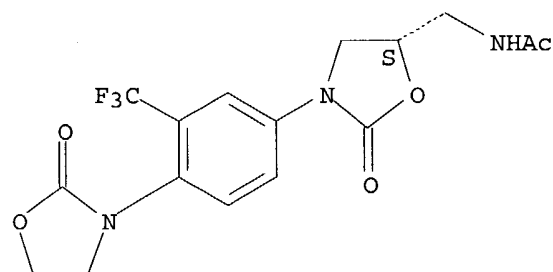
Absolute stereochemistry.



RN 439903-11-4 CAPLUS

CN Acetamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

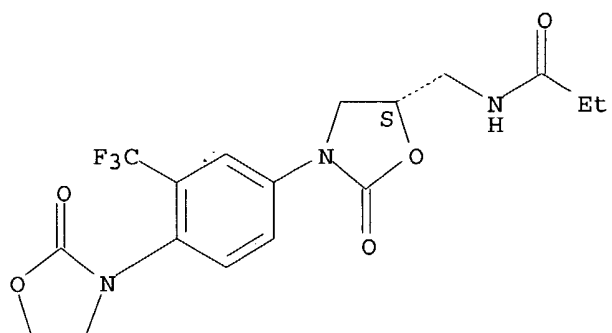
Absolute stereochemistry.



RN 439903-12-5 CAPLUS

CN Propanamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

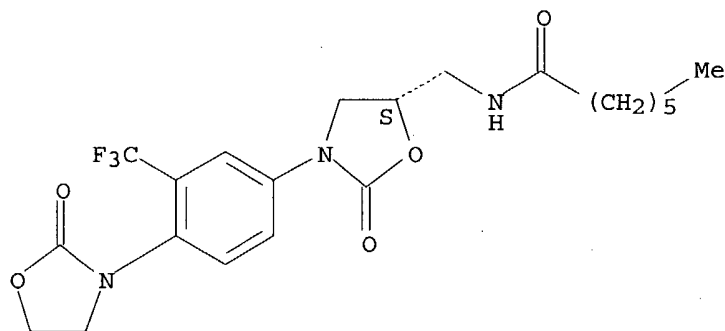
Absolute stereochemistry.



RN 439903-13-6 CAPLUS

CN Heptanamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

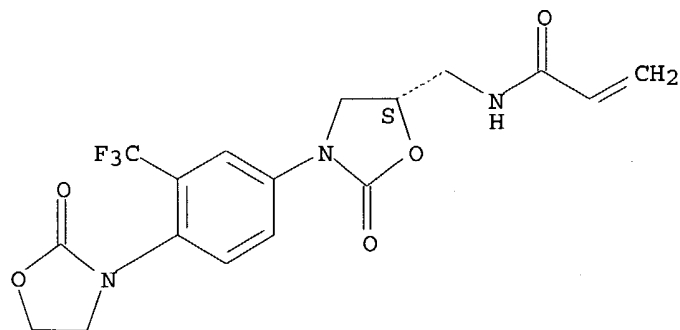
Absolute stereochemistry.



RN 439903-14-7 CAPLUS

CN 2-Propenamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

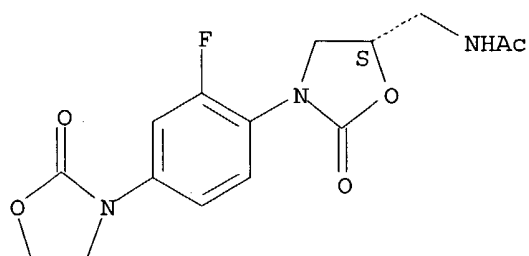
Absolute stereochemistry.



RN 439903-15-8 CAPLUS

CN Acetamide, N-[[[(5S)-3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

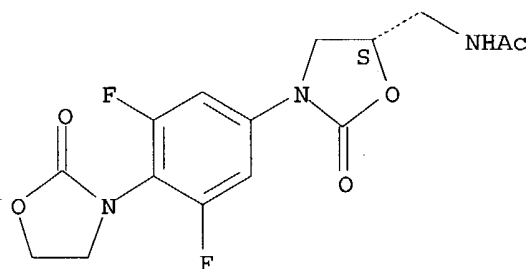
Absolute stereochemistry.



RN 439903-16-9 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

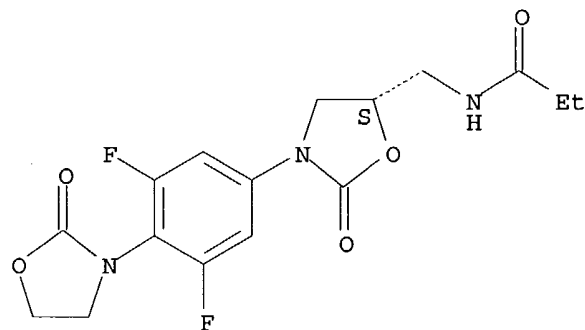
Absolute stereochemistry.



RN 439903-17-0 CAPLUS

CN Propanamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

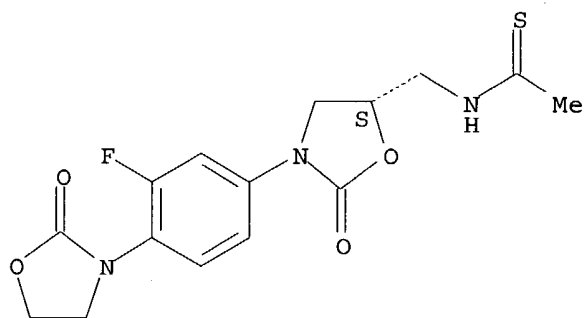
Absolute stereochemistry.



RN 439903-27-2 CAPLUS

CN Ethanethioamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

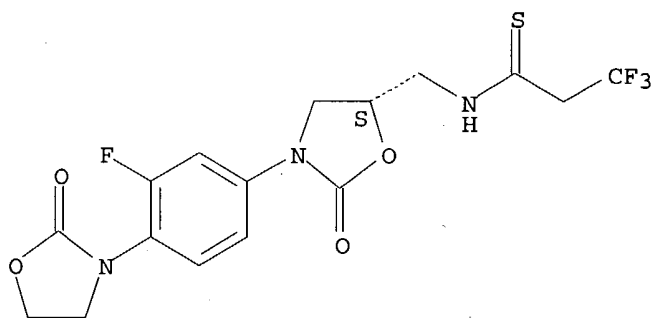
Absolute stereochemistry.



RN 439903-28-3 CAPLUS

CN Propanethioamide, 3,3,3-trifluoro-N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

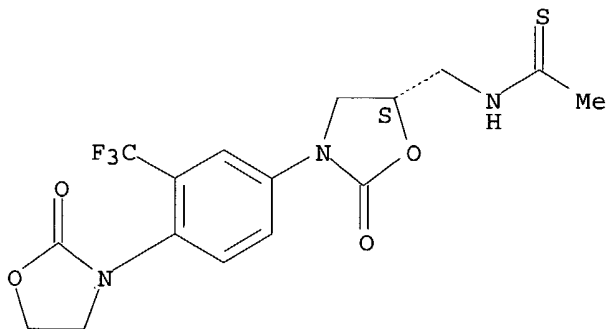
Absolute stereochemistry.



RN 439903-31-8 CAPLUS

CN Ethanethioamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

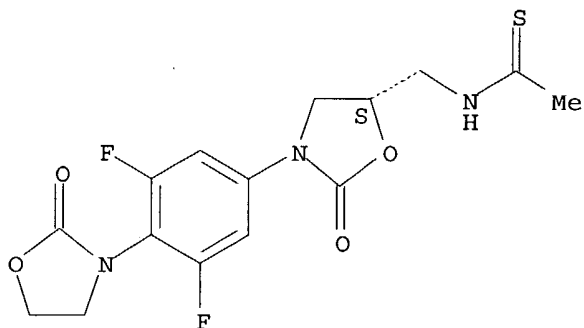
Absolute stereochemistry.



RN 439903-32-9 CAPLUS

CN Ethanethioamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

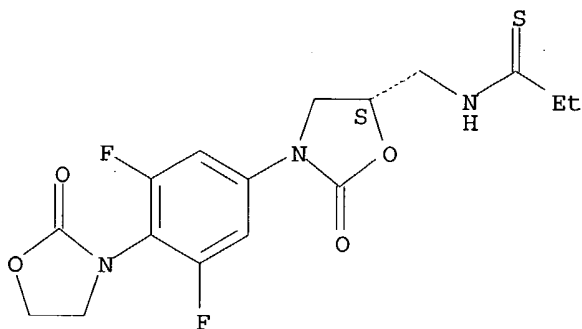
Absolute stereochemistry.



RN 439903-33-0 CAPLUS

CN Propanethioamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

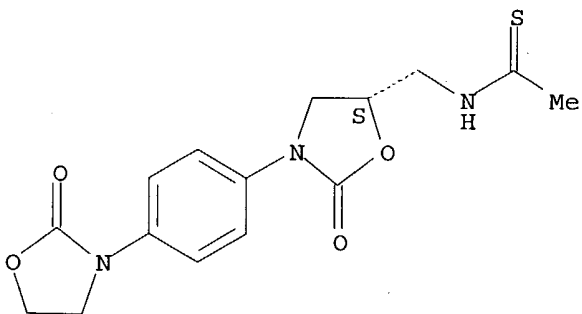
Absolute stereochemistry.



RN 439903-34-1 CAPLUS

CN Ethanethioamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

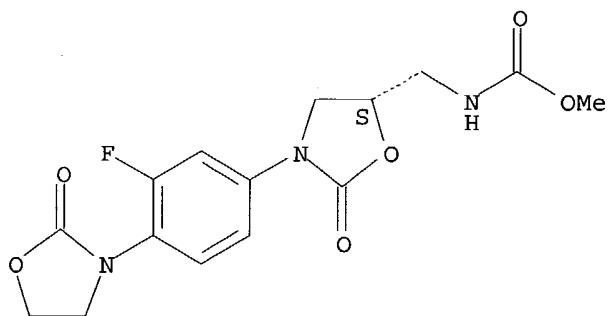
Absolute stereochemistry.



RN 439903-37-4 CAPLUS

CN Carbamic acid, [[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

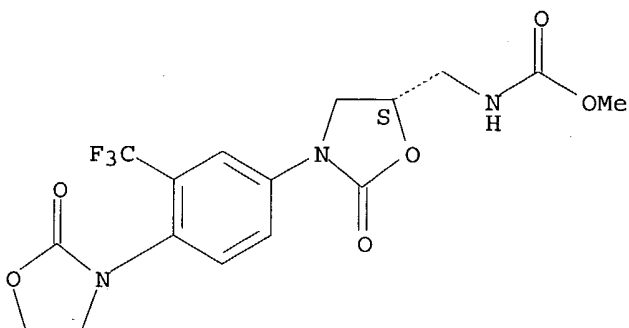
Absolute stereochemistry.



RN 439903-38-5 CAPLUS

CN Carbamic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl)methyl]-, methyl ester (9CI) (CA INDEX NAME)

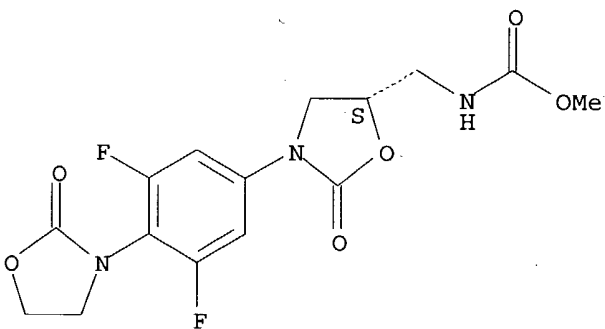
Absolute stereochemistry.



RN 439903-39-6 CAPLUS

CN Carbamic acid, [[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

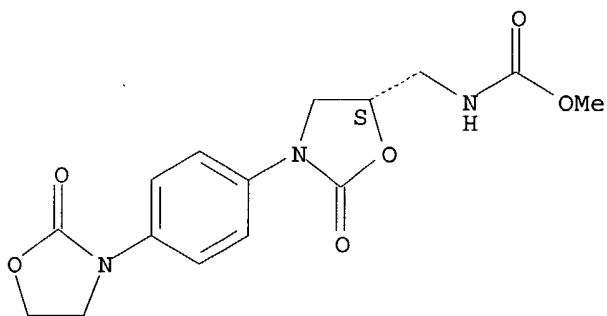
Absolute stereochemistry.



RN 439903-40-9 CAPLUS

CN Carbamic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

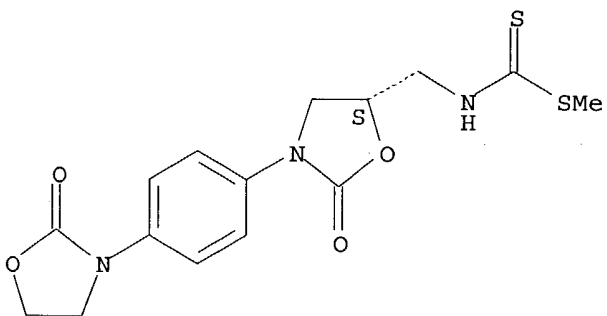
Absolute stereochemistry.



RN 439903-42-1 CAPLUS

CN Carbamodithioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

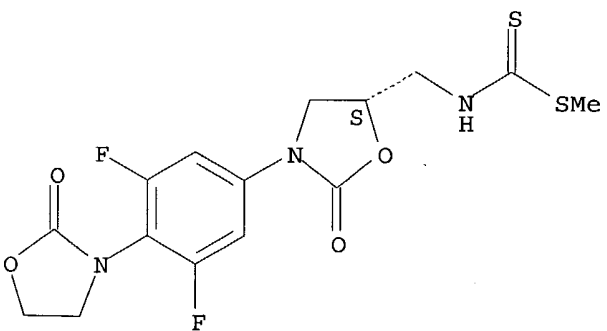
Absolute stereochemistry.



RN 439903-43-2 CAPLUS

CN Carbamodithioic acid, [[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

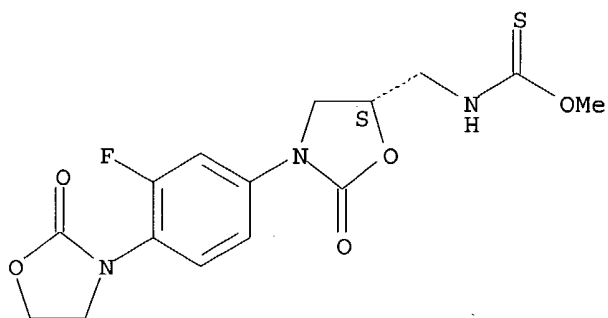


RN 439903-44-3 CAPLUS

CN Carbamodithioic acid, [[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

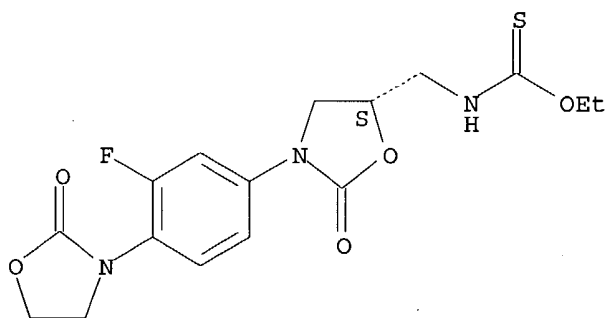




RN 439903-45-4 CAPLUS

CN Carbamothioic acid, [[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

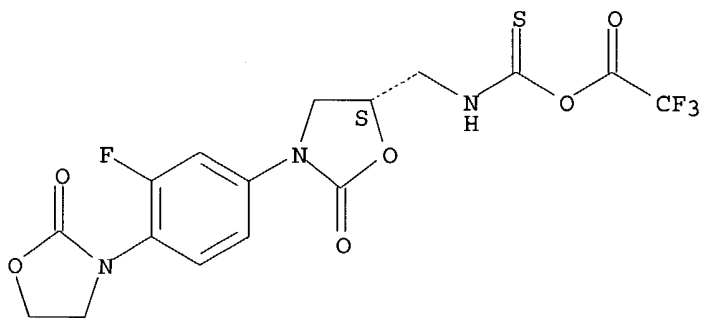
Absolute stereochemistry.



RN 439903-46-5 CAPLUS

CN Acetic acid, trifluoro-, anhydride with [[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]carbamothioic acid (9CI) (CA INDEX NAME)

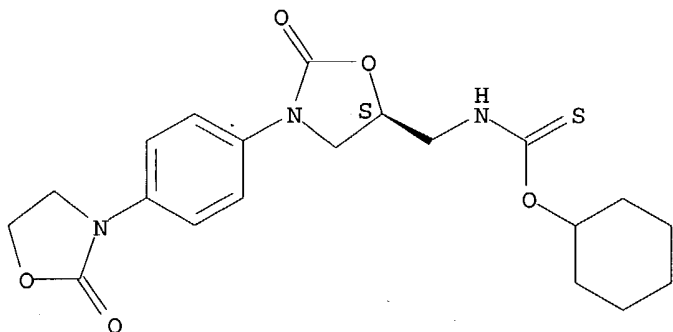
Absolute stereochemistry.



RN 439903-47-6 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-cyclohexyl ester (9CI) (CA INDEX NAME)

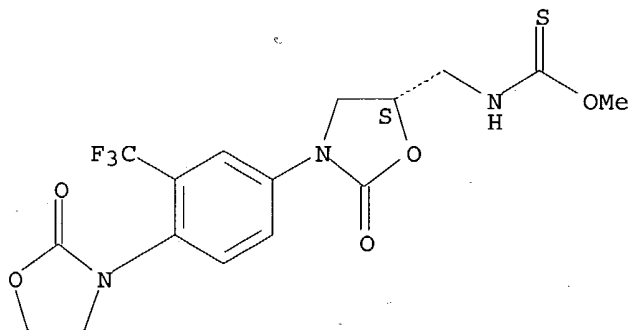
Absolute stereochemistry.



RN 439903-53-4 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]-, O-methyl ester (9CI)  
(CA INDEX NAME)

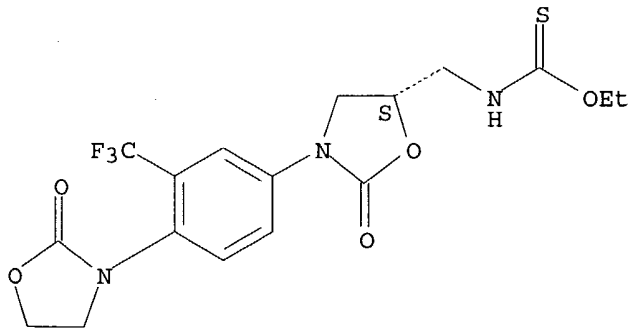
Absolute stereochemistry.



RN 439903-54-5 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

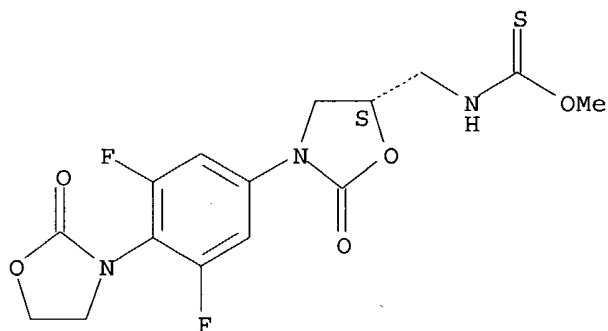
Absolute stereochemistry.



RN 439903-55-6 CAPLUS

CN Carbamothioic acid, [[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

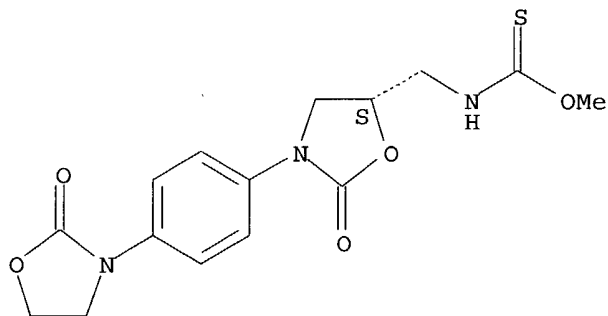
Absolute stereochemistry.



RN 439903-56-7 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

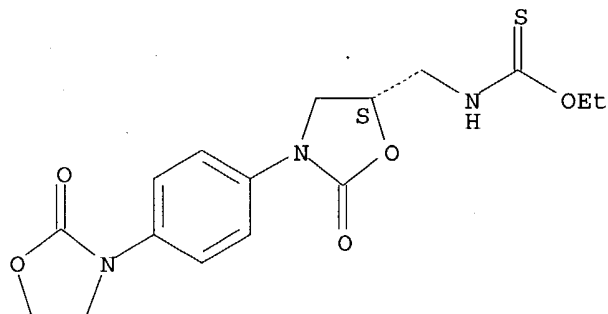
Absolute stereochemistry.



RN 439903-57-8 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

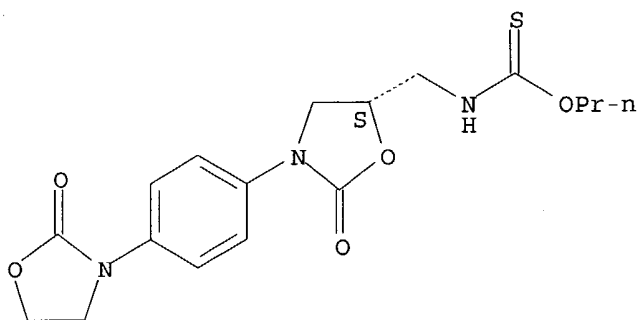
Absolute stereochemistry.



RN 439903-59-0 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-propyl ester (9CI) (CA INDEX NAME)

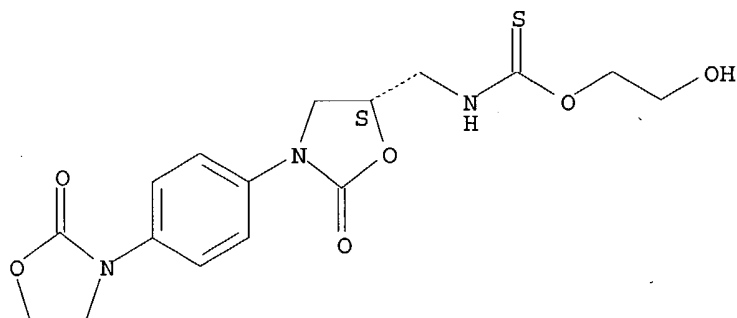
Absolute stereochemistry.



RN 439903-63-6 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(2-hydroxyethyl) ester (9CI) (CA INDEX NAME)

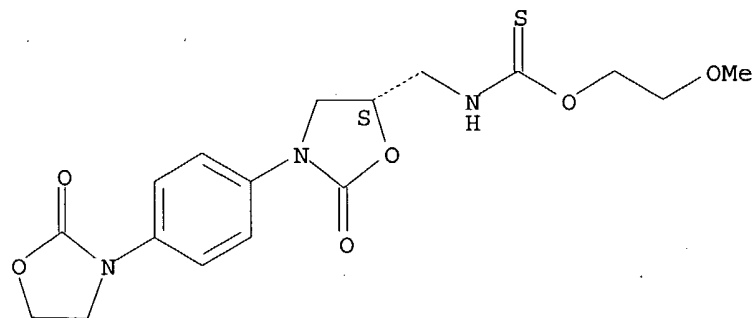
Absolute stereochemistry.



RN 439903-65-8 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(2-methoxyethyl) ester (9CI) (CA INDEX NAME)

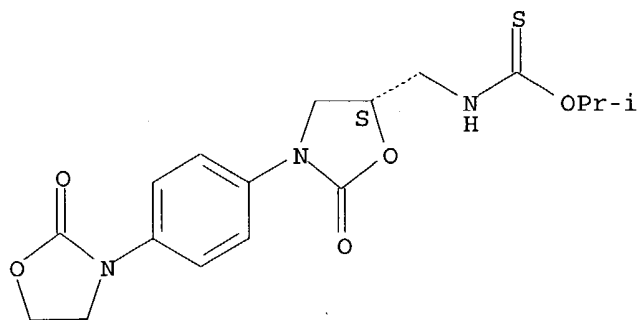
Absolute stereochemistry.



RN 439903-67-0 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(1-methylethyl) ester (9CI) (CA INDEX NAME)

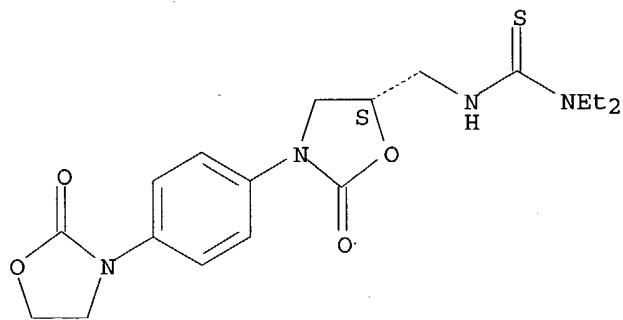
Absolute stereochemistry.



RN 439903-91-0 CAPLUS

CN Thiourea, N,N-diethyl-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

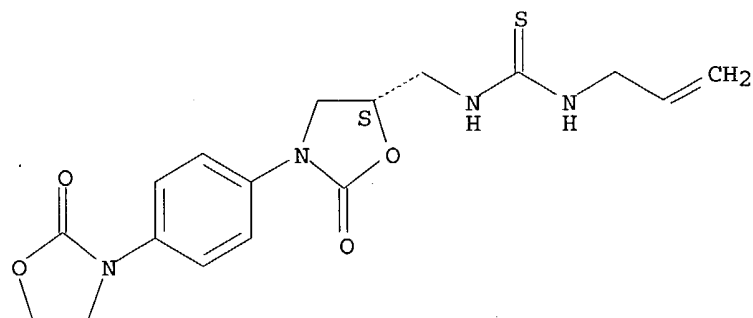
Absolute stereochemistry.



RN 439903-92-1 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-2-propenyl- (9CI) (CA INDEX NAME)

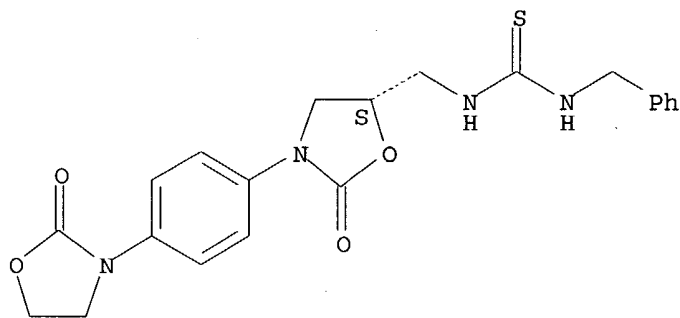
Absolute stereochemistry.



RN 439903-93-2 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)

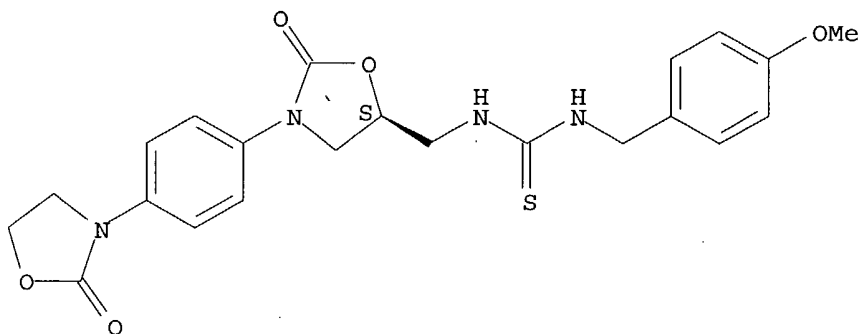
Absolute stereochemistry.



RN 439903-94-3 CAPLUS

CN Thiourea, N-[(4-methoxyphenyl)methyl]-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl)methyl]- (9CI) (CA INDEX NAME)

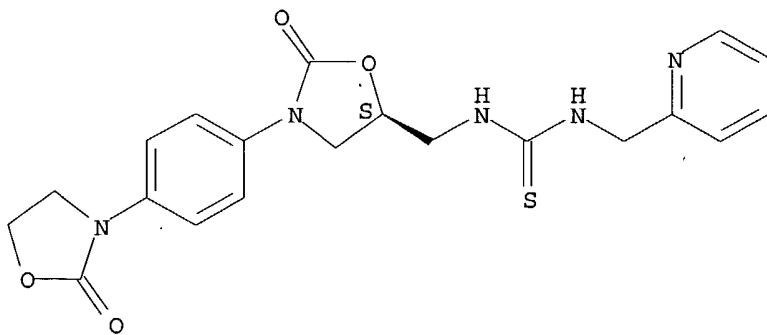
Absolute stereochemistry.



RN 439903-95-4 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl)methyl]-N'-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

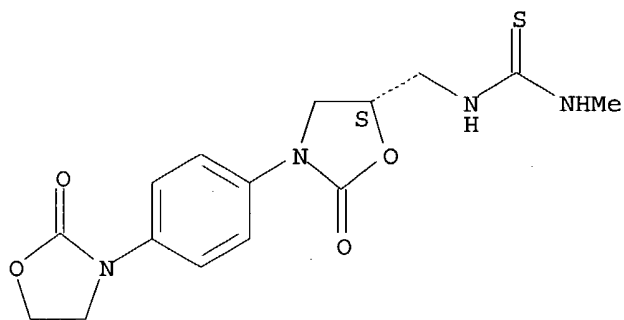
Absolute stereochemistry.



RN 439903-96-5 CAPLUS

CN Thiourea, N-methyl-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl)methyl]- (9CI) (CA INDEX NAME)

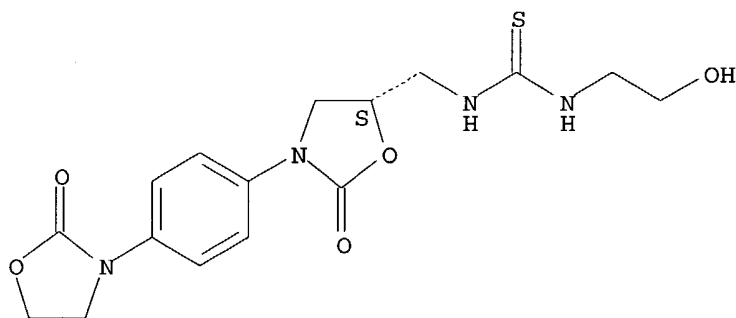
Absolute stereochemistry.



RN 439903-97-6 CAPLUS

CN Thiourea, N-(2-hydroxyethyl)-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

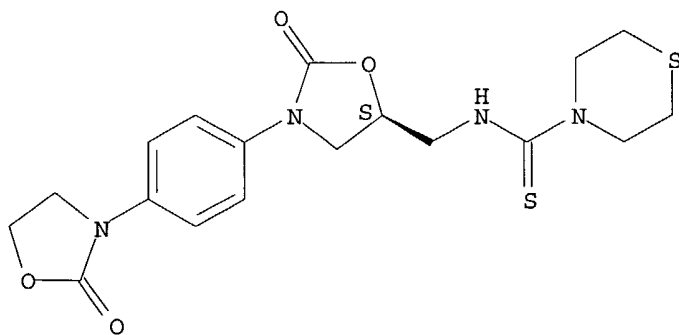
Absolute stereochemistry.



RN 439903-98-7 CAPLUS

CN 4-Thiomorpholinecarbothioamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

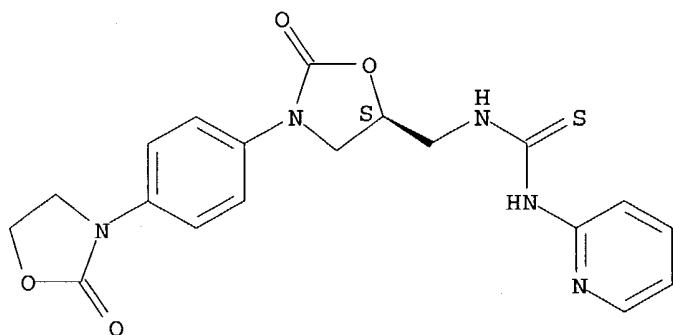
Absolute stereochemistry.



RN 439903-99-8 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-2-pyridinyl]- (9CI) (CA INDEX NAME)

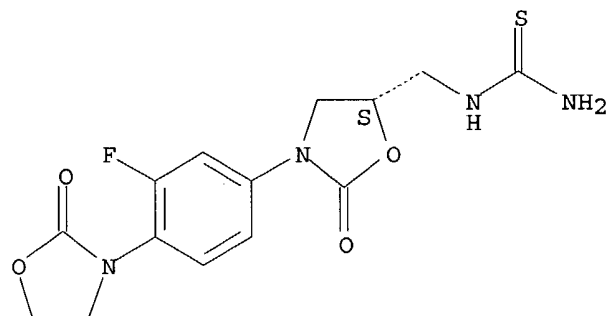
Absolute stereochemistry.



RN 439904-00-4 CAPLUS

CN Thiourea, [[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

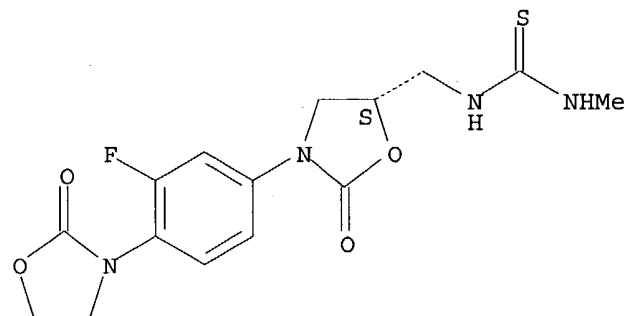
Absolute stereochemistry.



RN 439904-01-5 CAPLUS

CN Thiourea, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-N'-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

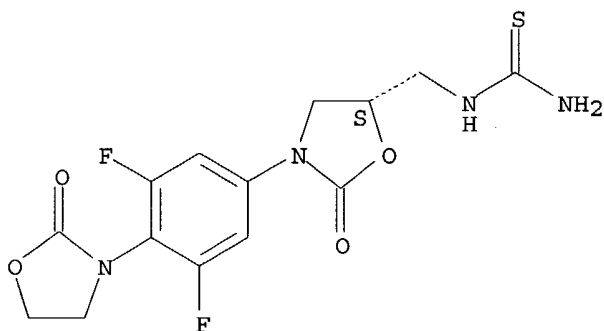


RN 439904-02-6 CAPLUS

CN Thiourea, [[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

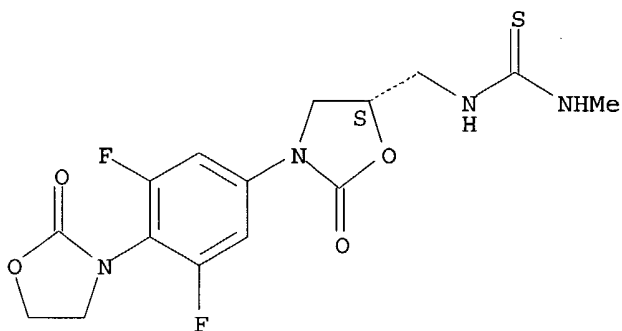




RN 439904-03-7 CAPLUS

CN Thiourea, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-N'-methyl- (9CI) (CA INDEX NAME)

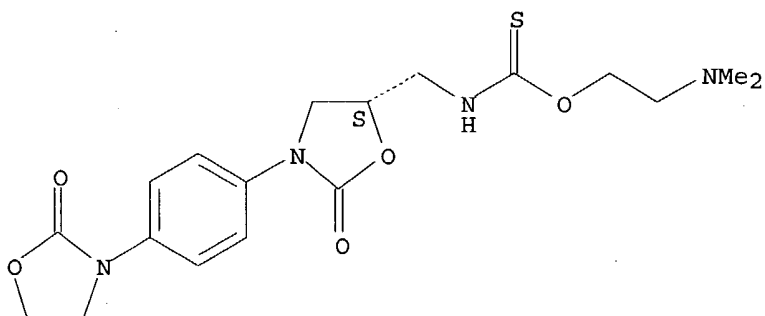
Absolute stereochemistry.



RN 439904-04-8 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-[2-(dimethylamino)ethyl] ester, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

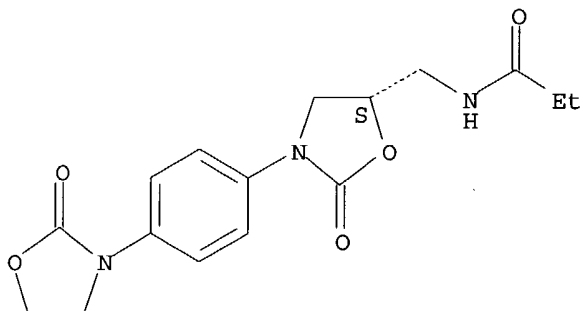


● HCl

RN 693787-34-7 CAPLUS

CN Propanamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

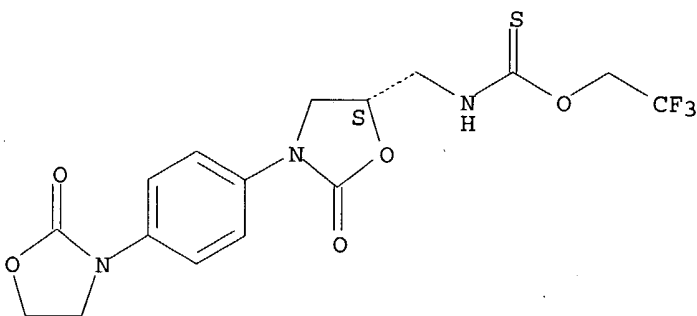
Absolute stereochemistry.



RN 693787-41-6 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(2,2,2-trifluoroethyl) ester (9CI) (CA INDEX NAME)

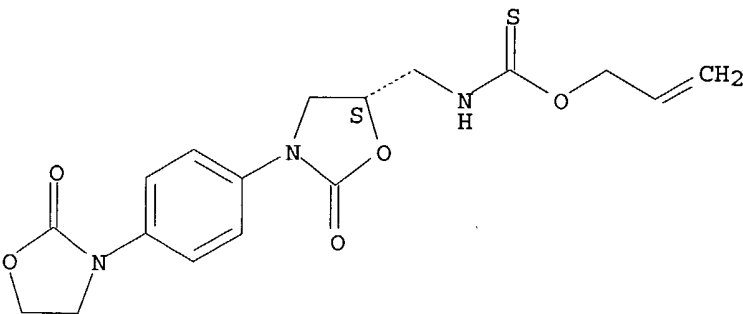
Absolute stereochemistry.



RN 693787-42-7 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



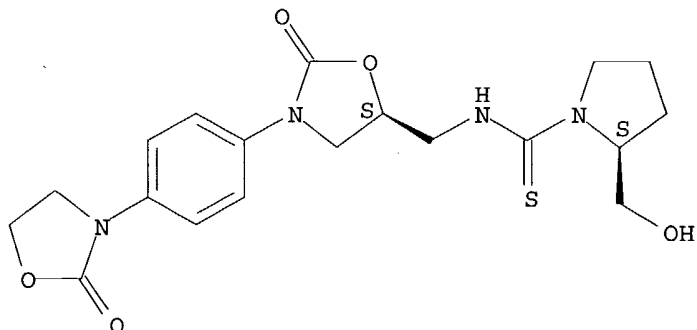
RN 693787-64-3 CAPLUS

CN 1-Pyrrolidinecarbothioamide, 2-(hydroxymethyl)-N-[[[(5S)-2-oxo-3-[4-(2-oxo-

10/04/2004

3-oxazolidinyl)phenyl]-5-oxazolidinyl)methyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L10 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:5775 CAPLUS

DOCUMENT NUMBER: 138:89797

TITLE: Preparation of substituted oxazolidinones for combinational therapy in the treatment and/or prophylaxis of thromboembolic diseases

INVENTOR(S): Straub, Alexander; Lampe, Thomas; Pernerstorfer, Josef; Perzborn, Elisabeth; Pohlmann, Jens; Roehrig, Susanne; Schlemmer, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 161 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000256	A1	20030103	WO 2002-EP6237	20020607
WO 2003000256	C2	20030206		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10129725	A1	20030102	DE 2001-10129725	20010620
EE 200400020	A	20040415	EE 2004-20	20020607
EP 1411932	A1	20040428	EP 2002-738154	20020607
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2002010941	A	20040608	BR 2002-10941	20020607
PRIORITY APPLN. INFO.:			DE 2001-10129725	A 20010620
			WO 2002-EP6237	W 20020607
OTHER SOURCE(S):	MARPAT 138:89797			

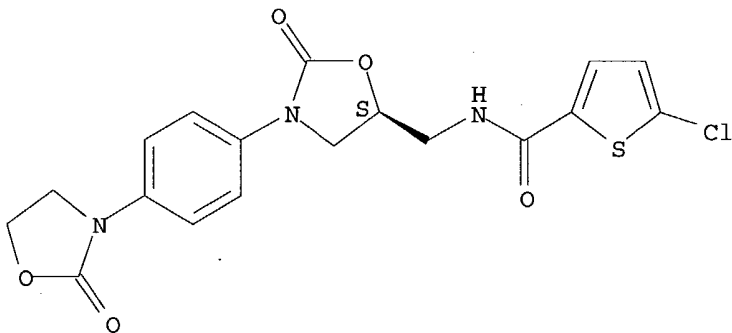
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

IT 482305-90-8P

(preparation and pharmacol. activity of; preparation of substituted oxazolidinones for combinational therapy in the treatment and/or prophylaxis of thromboembolic diseases)

CN 2-Thiophenecarboxamide, 5-chloro-N-[[ (5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L10 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

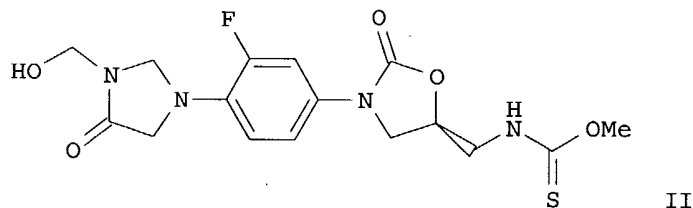
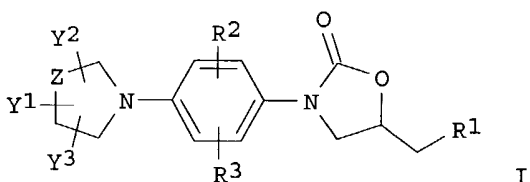
DOCUMENT NUMBER: 137:789445

Preparation of aryloxazolones as antibacterials.

PATENT ASSIGNEE(S): Dr. Reddy's Research Foundation, India; Dr. Reddy's Laboratories Ltd.

SOURCE: PCT Int. Appl., 158 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002051819	A2	20020704	WO 2001-IN227	20011226
WO 2002051819	A3	20021205		
WO 2002051819	C2	20030807		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1345913	A2	20030924	EP 2001-995805	20011226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
EE 200300254	A	20031215	EE 2003-254	20011226
BR 2001016571	A	20040302	BR 2001-16571	20011226
JP 2004525876	T2	20040826	JP 2002-552914	20011226
NO 2003002926	A	20030825	NO 2003-2926	20030625
PRIORITY APPLN. INFO.:				
			IN 2000-MA1124	A 20001226
			IN 2001-MA15	A 20010115
			WO 2001-IN227	W 20011226
OTHER SOURCE(S): MARPAT 137:78944				
GI				



AB Title compds. [I; R1 = halo, N3, SCN, SH, OR4, NHR4, N(R4)2; R4 = H, (substituted) acyl, thioacyl, alkoxycarbonyl, cycloalkoxythiocarbonyl, alkenyloxycarbonyl, alkenylcarbonyl, aryloxycarbonyl, alkoxythiocarbonyl, alkenyloxythiocarbonyl, aryloxythiocarbonyl, COCOA, COCOAr, COCOalk, COCOArO, CS2A, CSNH2, CSNHA, CSNA2, CSNHak, CSCOalk, CSCOArO, CSO2CA, CSCSA, CSCSAr, thiomorpholinylthiocarbonyl, pyrrolidinylthiocarbonyl; A =

alkyl; Ar = aryl; Alk = alkoxy; Ak = alkenyl; R2, R3 = H, halo, alkyl, haloalkyl, cyano, nitro, SRa, NRA, ORa; Ra = (substituted) alkyl, haloalkyl; Z = S, O, CH, NRB; Rb = H, (substituted) alkyl, alkenyl, cycloalkyl, alkoxy, aryl, aralkyl, aryloxy, alkylcarbonyl, arylcarbonyl, alkoxycarbonyl, aryloxy carbonyl; Y1 = O, S; Y2, Y3 = H, halo, cyano, NO2, formyl, OH, amino, O, S, (substituted) alkyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonyl, carboxyalkyl, alkylsulfonyl, alkylcarbonylaminoalkyl, arylcarbonylaminoalkyl, alkylcarbonyloxyalkyl, aminoalkyl, monoalkylamino, dialkylamino, arylamino, alkoxy, aryl, aryloxy, aralkyl, heteroaryl, heteroaralkyl, heterocyclyl heterocycloalkyl; adjacent Y2Y3 form a (substituted) 5-6 membered aromatic or nonarom. cyclic structure, optionally containing 1-2 heteroatoms], were prepared. Thus, title compound (II) (general preparation given) showed a min. inhibitory concentration of 0.25 µg/mL

against

Staphylococcus aureus 019 MRSA.

IT 439902-57-5P 439902-64-4P 439902-65-5P  
 439902-66-6P 439902-67-7P 439902-76-8P  
 439902-80-4P 439902-81-5P 439902-82-6P  
 439902-83-7P 439902-88-2P 439902-90-6P  
 439902-91-7P 439902-94-0P 439902-95-1P  
 439902-96-2P 439902-97-3P 439902-98-4P  
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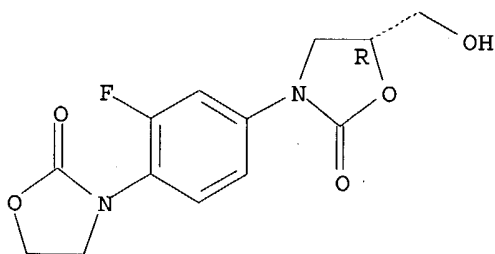
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aryloxazolones as antibacterials)

RN 439902-57-5 CAPLUS

CN 2-Oxazolidinone, 3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

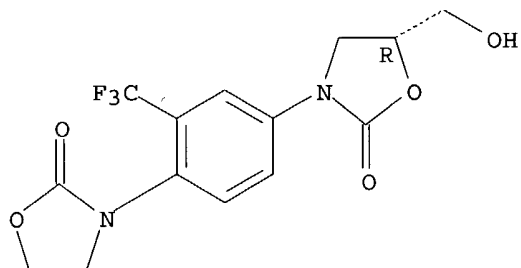
Absolute stereochemistry.



RN 439902-64-4 CAPLUS

CN 2-Oxazolidinone, 5-(hydroxymethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

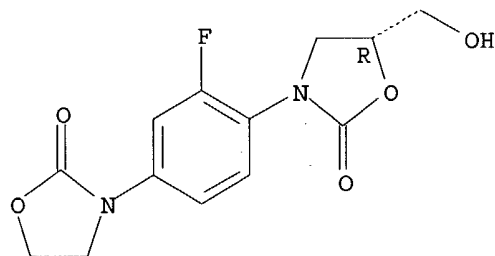
Absolute stereochemistry.



RN 439902-65-5 CAPLUS

CN 2-Oxazolidinone, 3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

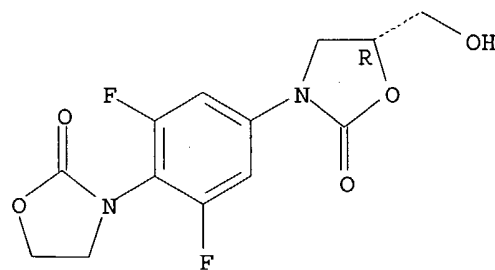
Absolute stereochemistry.



RN 439902-66-6 CAPLUS

CN 2-Oxazolidinone, 3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

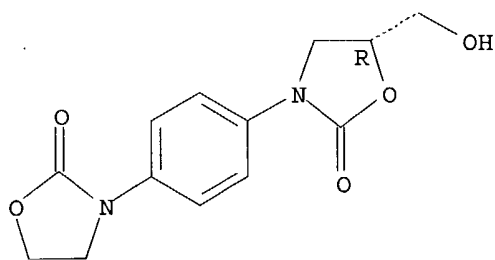
Absolute stereochemistry.



RN 439902-67-7 CAPLUS

CN 2-Oxazolidinone, 5-(hydroxymethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

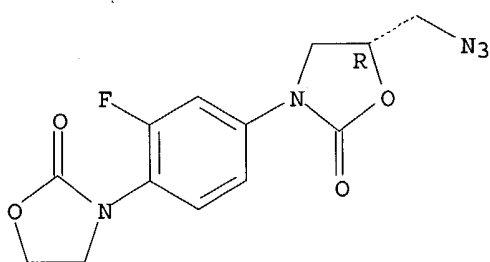
Absolute stereochemistry.



RN 439902-76-8 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

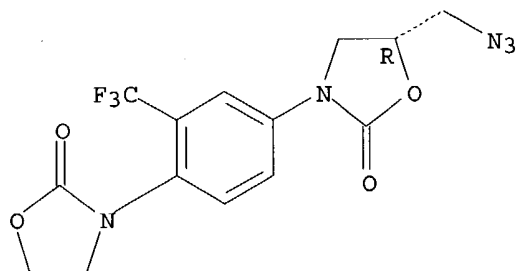
Absolute stereochemistry.



RN 439902-80-4 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

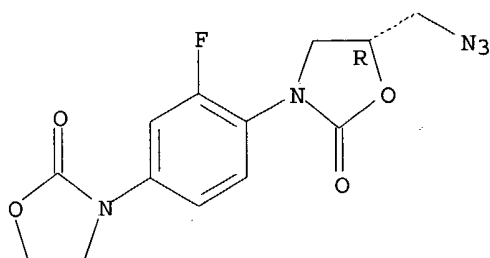


RN 439902-81-5 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

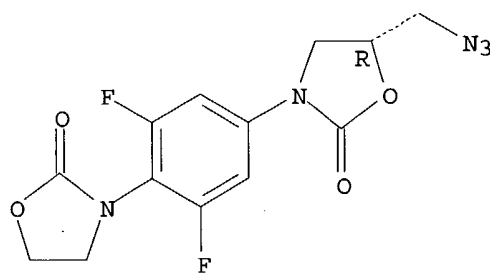




RN 439902-82-6 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

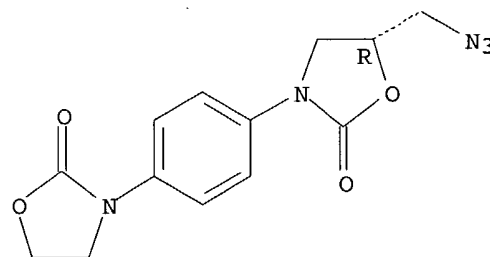
Absolute stereochemistry.



RN 439902-83-7 CAPLUS

CN 2-Oxazolidinone, 5-(azidomethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

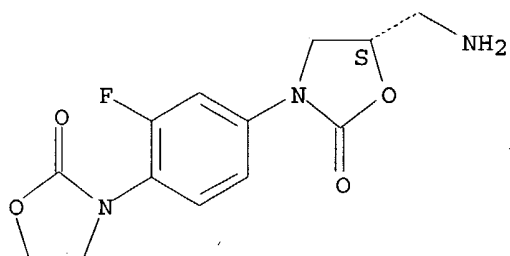
Absolute stereochemistry.



RN 439902-88-2 CAPLUS

CN 2-Oxazolidinone, 5-(aminomethyl)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

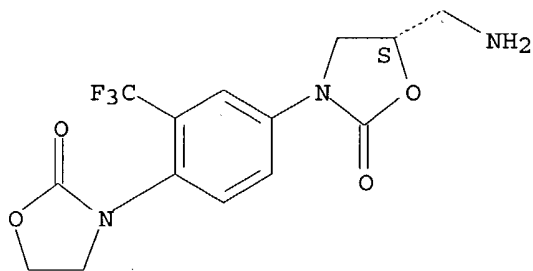
Absolute stereochemistry.



RN 439902-90-6 CAPLUS

CN 2-Oxazolidinone, 5-(aminomethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

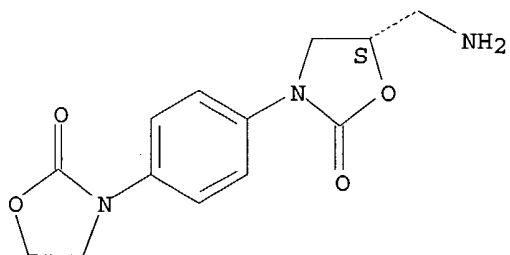
Absolute stereochemistry.



RN 439902-91-7 CAPLUS

CN 2-Oxazolidinone, 5-(aminomethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

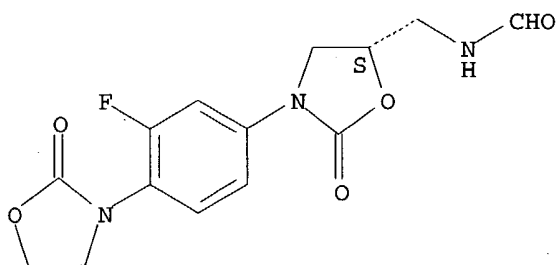
Absolute stereochemistry.



RN 439902-94-0 CAPLUS

CN Formamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

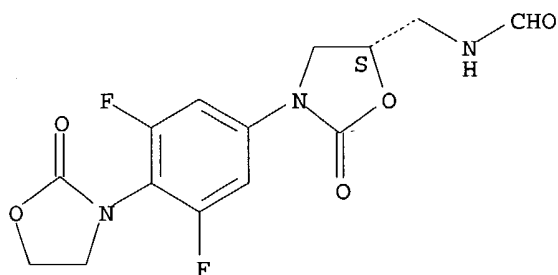
Absolute stereochemistry.



RN 439902-95-1 CAPLUS

CN Formamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

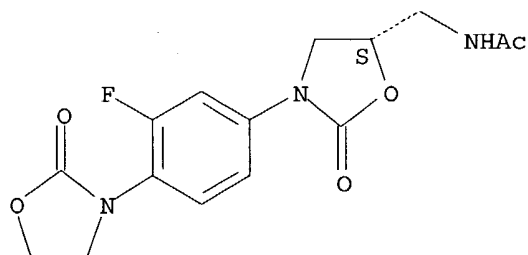
Absolute stereochemistry.



RN 439902-96-2 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

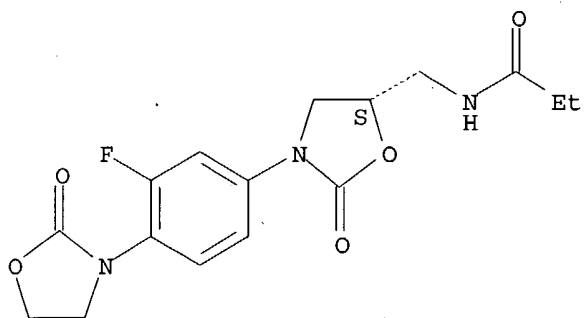
Absolute stereochemistry.



RN 439902-97-3 CAPLUS

CN Propanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

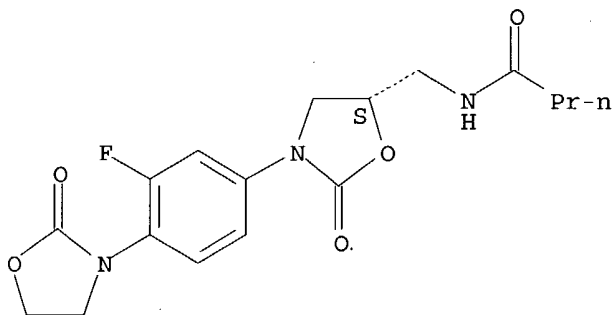
Absolute stereochemistry.



RN 439902-98-4 CAPLUS

CN Butanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

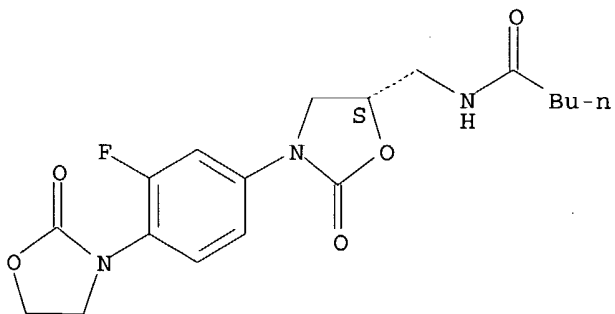
Absolute stereochemistry.



RN 439902-99-5 CAPLUS

CN Pentanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

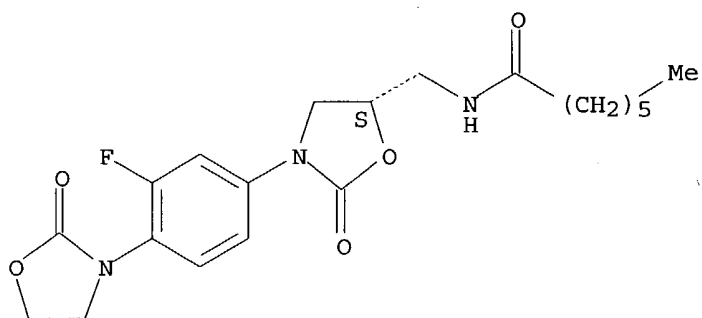
Absolute stereochemistry.



RN 439903-00-1 CAPLUS

CN Heptanamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

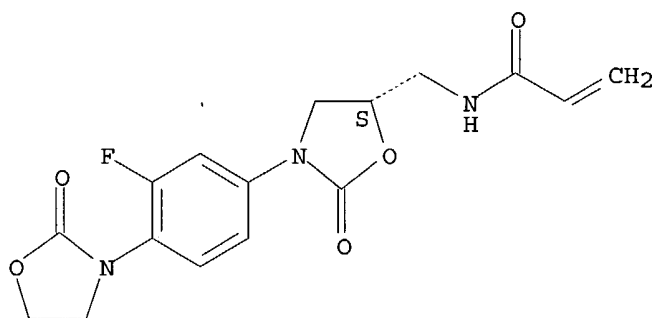
Absolute stereochemistry.



RN 439903-01-2 CAPLUS

CN 2-Propenamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

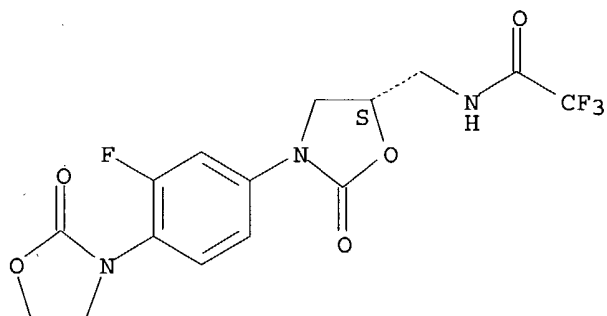
Absolute stereochemistry.



RN 439903-02-3 CAPLUS

CN Acetamide, 2,2,2-trifluoro-N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

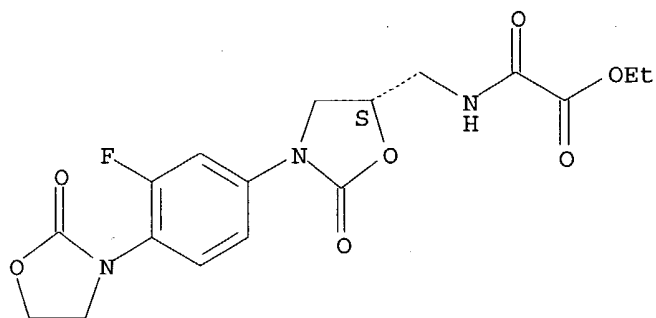
Absolute stereochemistry.



RN 439903-03-4 CAPLUS

CN Acetic acid, [[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]amino]oxo-, ethyl ester (9CI) (CA INDEX NAME)

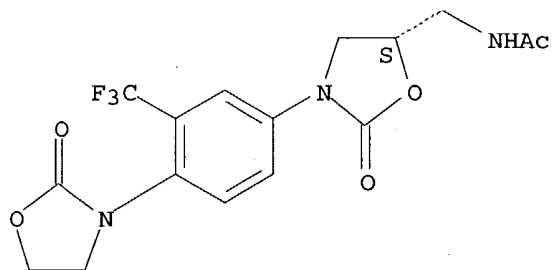
Absolute stereochemistry.



RN 439903-11-4 CAPLUS

CN Acetamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

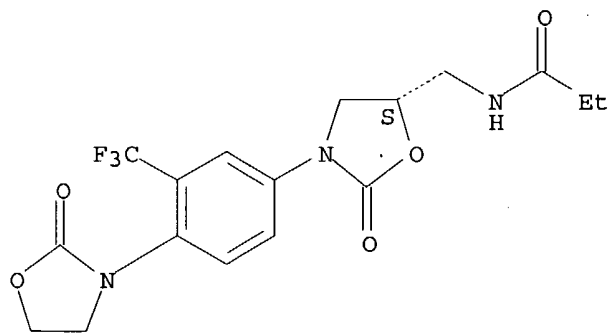
Absolute stereochemistry.



RN 439903-12-5 CAPLUS

CN Propanamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

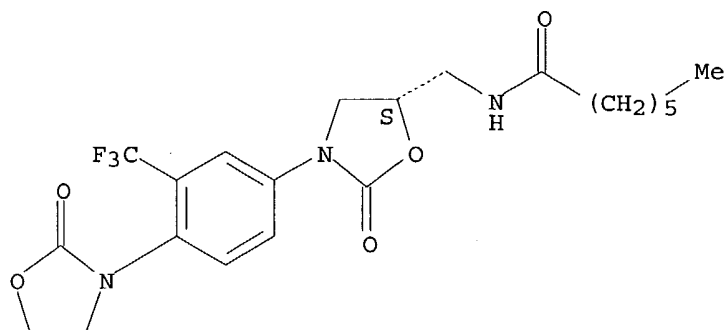
Absolute stereochemistry.



RN 439903-13-6 CAPLUS

CN Heptanamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

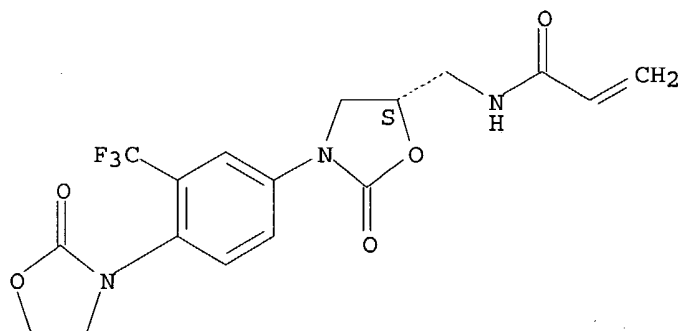
Absolute stereochemistry.



RN 439903-14-7 CAPLUS

CN 2-Propenamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

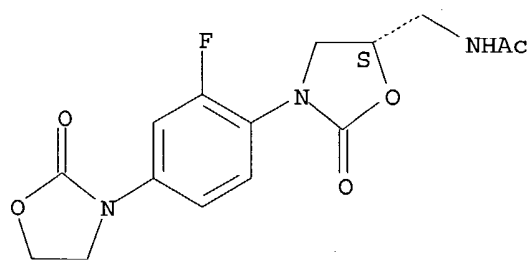
Absolute stereochemistry.



RN 439903-15-8 CAPLUS

CN Acetamide, N-[[[(5S)-3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

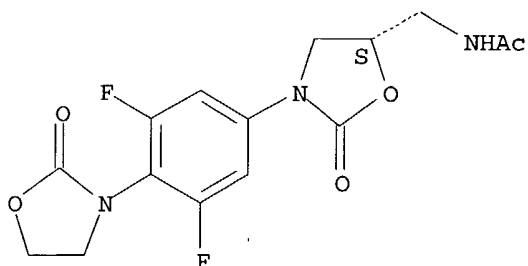
Absolute stereochemistry.



RN 439903-16-9 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

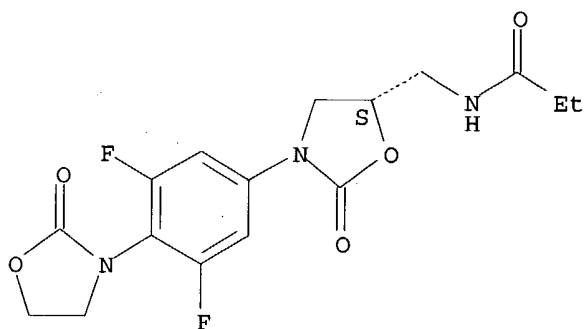
Absolute stereochemistry.



RN 439903-17-0 CAPLUS

CN Propanamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

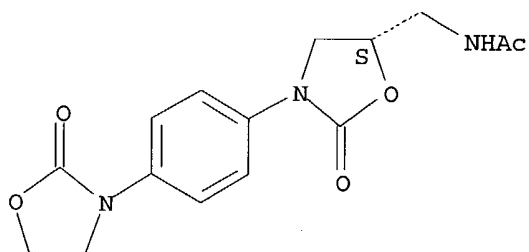
Absolute stereochemistry.



RN 439903-18-1 CAPLUS

CN Acetamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

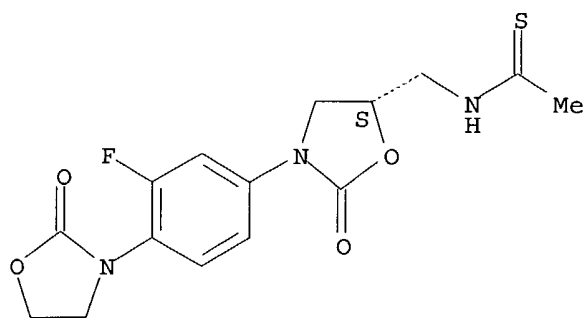


RN 439903-27-2 CAPLUS

CN Ethanethioamide, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

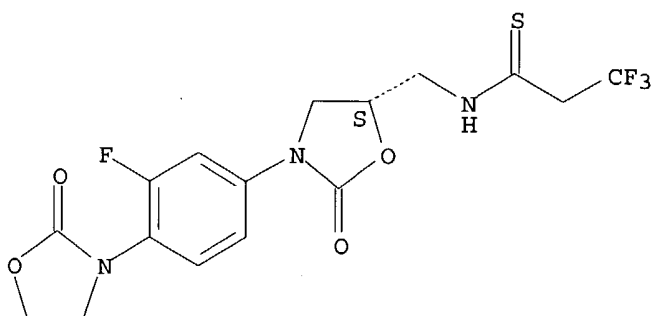




RN 439903-28-3 CAPLUS

CN Propanethioamide, 3,3,3-trifluoro-N-[[ (5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

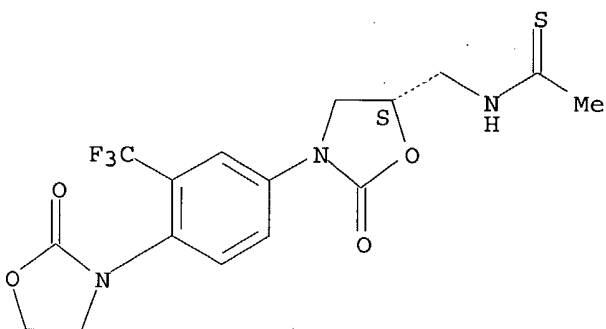
Absolute stereochemistry.



RN 439903-31-8 CAPLUS

CN Ethanethioamide, N-[[ (5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

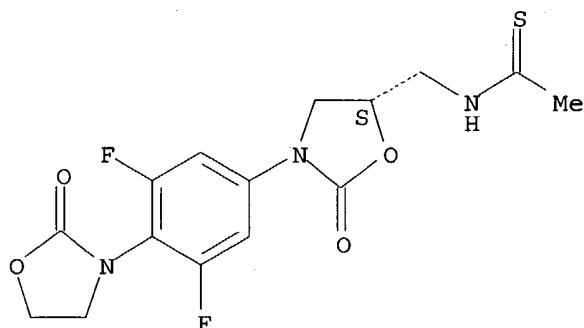
Absolute stereochemistry.



RN 439903-32-9 CAPLUS

CN Ethanethioamide, N-[[ (5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

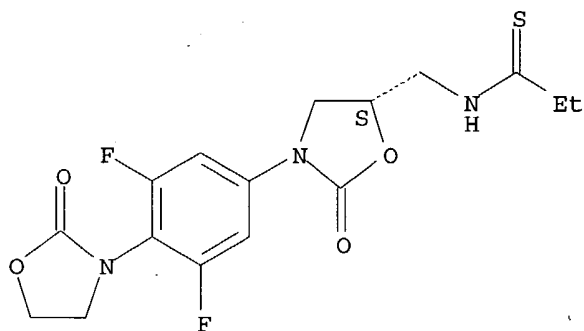
Absolute stereochemistry.



RN 439903-33-0 CAPLUS

CN Propanethioamide, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

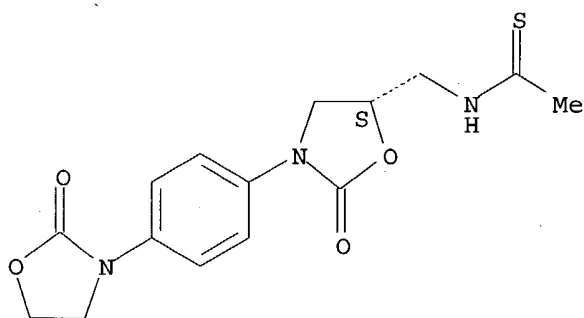
Absolute stereochemistry.



RN 439903-34-1 CAPLUS

CN Ethanethioamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

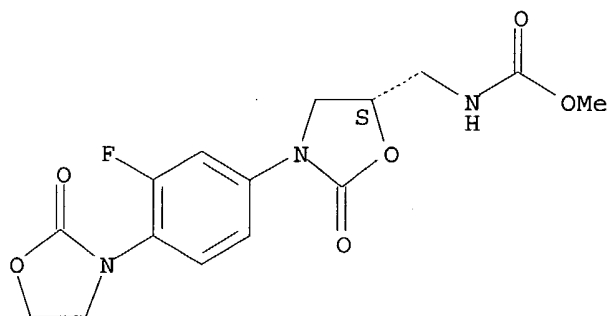
Absolute stereochemistry.



RN 439903-37-4 CAPLUS

CN Carbamic acid, [[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

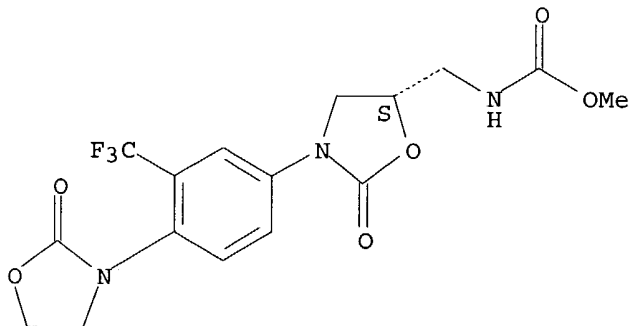
Absolute stereochemistry.



RN 439903-38-5 CAPLUS

CN Carbamic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

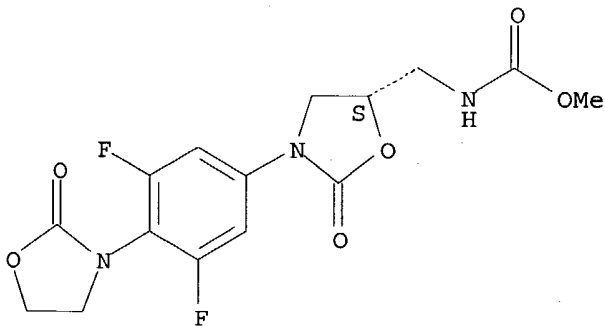
Absolute stereochemistry.



RN 439903-39-6 CAPLUS

CN Carbamic acid, [[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

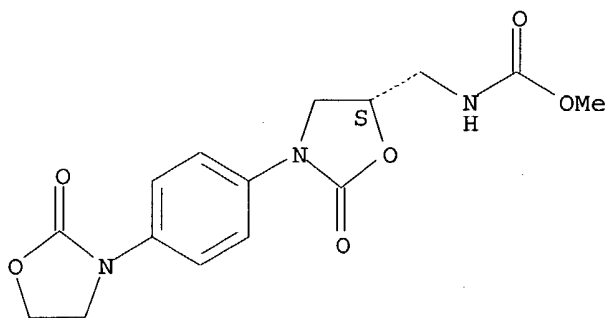
Absolute stereochemistry.



RN 439903-40-9 CAPLUS

CN Carbamic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

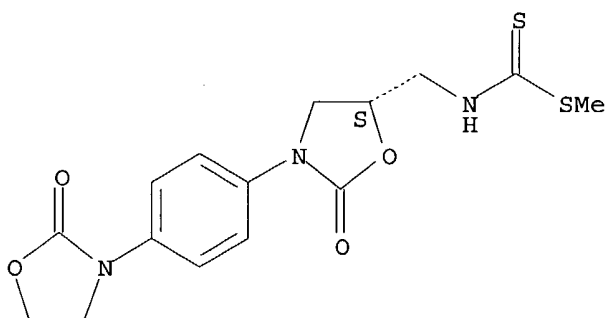
Absolute stereochemistry.



RN 439903-42-1 CAPLUS

CN Carbamodithioic acid, [[[5S]-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

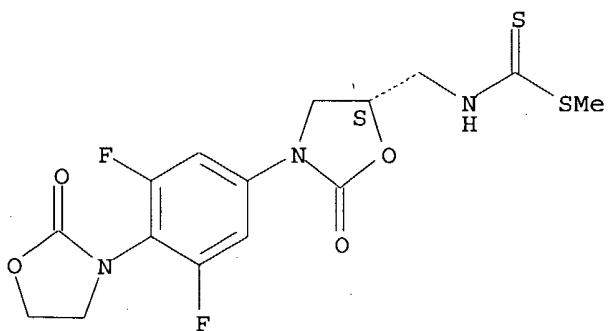
Absolute stereochemistry.



RN 439903-43-2 CAPLUS

CN Carbamodithioic acid, [[[5S]-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

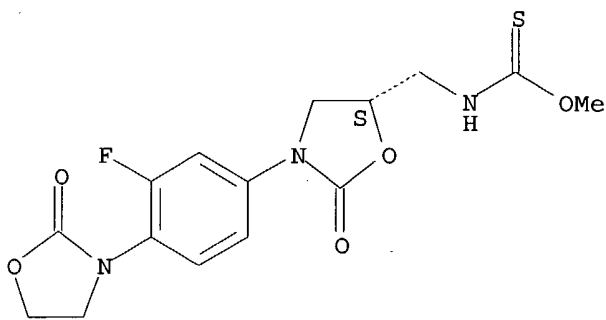
Absolute stereochemistry.



RN 439903-44-3 CAPLUS

CN Carbamothioic acid, [[[5S]-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

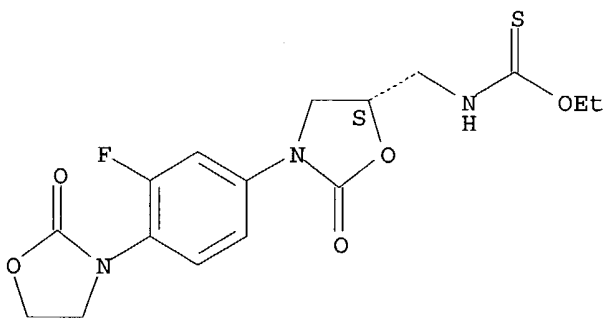
Absolute stereochemistry.



RN 439903-45-4 CAPLUS

CN Carbamothioic acid, [[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

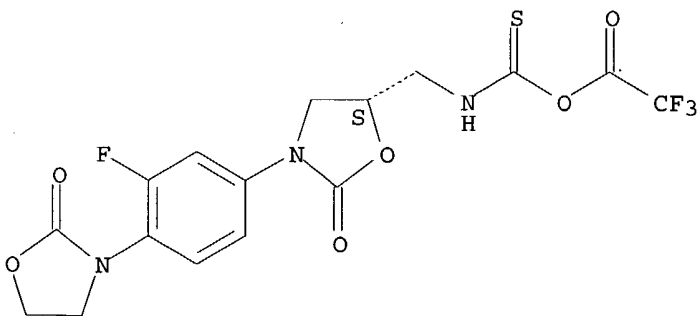
Absolute stereochemistry.



RN 439903-46-5 CAPLUS

CN Acetic acid, trifluoro-, anhydride with [[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]carbamothioic acid (9CI) (CA INDEX NAME)

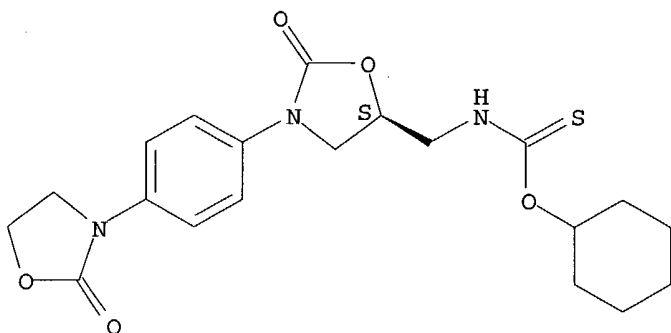
Absolute stereochemistry.



RN 439903-47-6 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-cyclohexyl ester (9CI) (CA INDEX NAME)

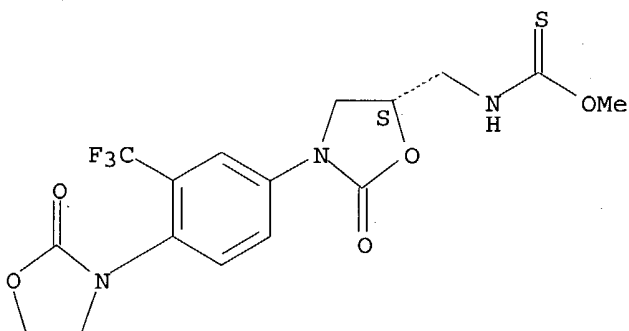
Absolute stereochemistry.



RN 439903-53-4 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]-, O-methyl ester (9CI)  
(CA INDEX NAME)

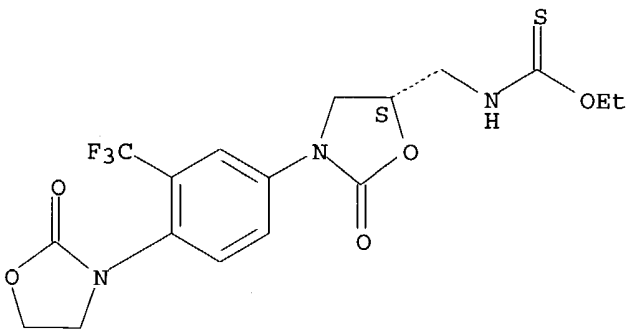
Absolute stereochemistry.



RN 439903-54-5 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

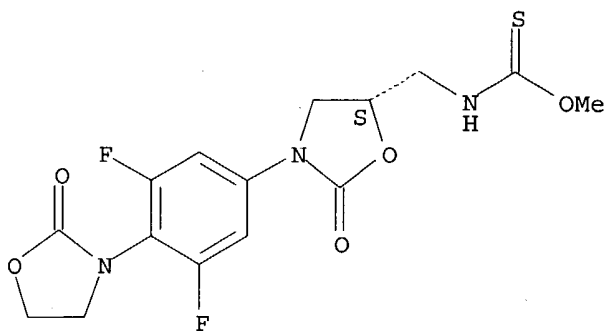
Absolute stereochemistry.



RN 439903-55-6 CAPLUS

CN Carbamothioic acid, [[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

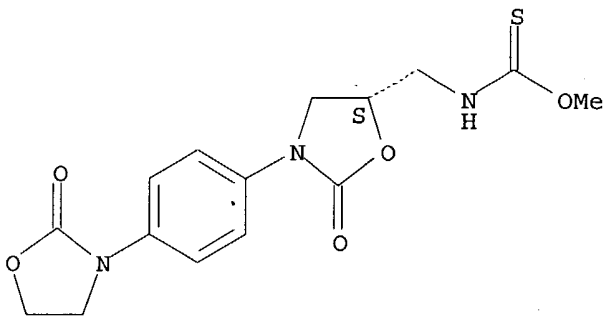
Absolute stereochemistry.



RN 439903-56-7 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

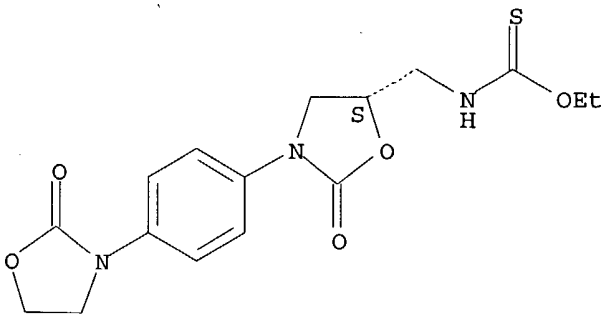
Absolute stereochemistry.



RN 439903-57-8 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

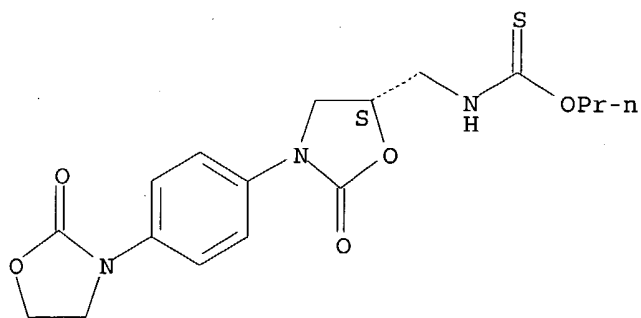
Absolute stereochemistry.



RN 439903-59-0 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-propyl ester (9CI) (CA INDEX NAME)

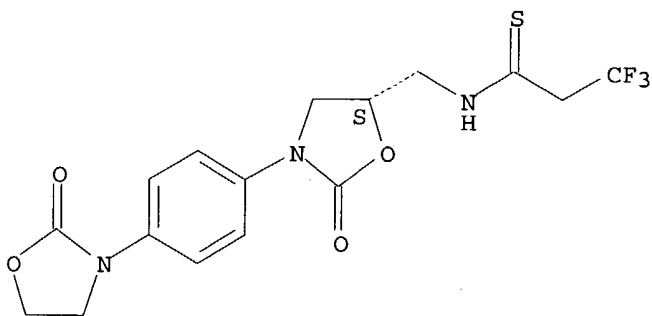
Absolute stereochemistry.



RN 439903-61-4 CAPLUS

CN Propanethioamide, 3,3,3-trifluoro-N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

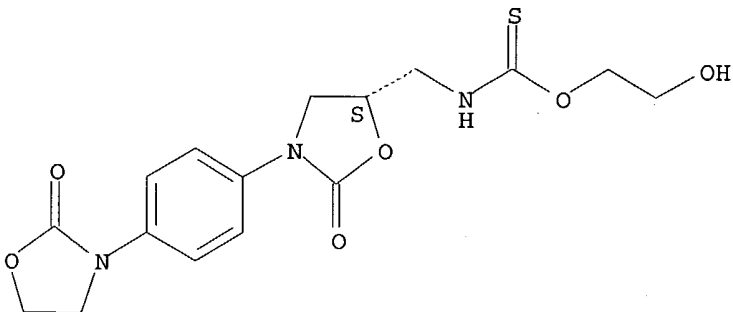
Absolute stereochemistry.



RN 439903-63-6 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(2-hydroxyethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

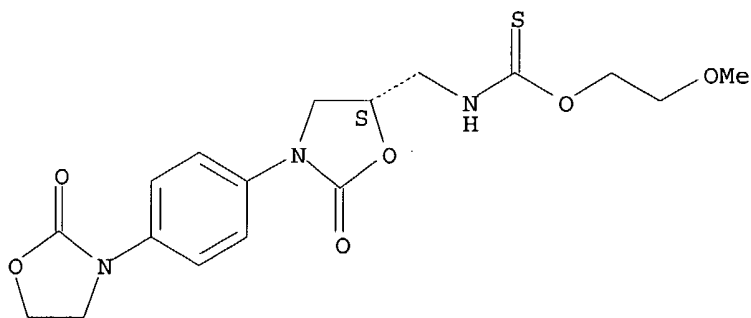


RN 439903-65-8 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(2-methoxyethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

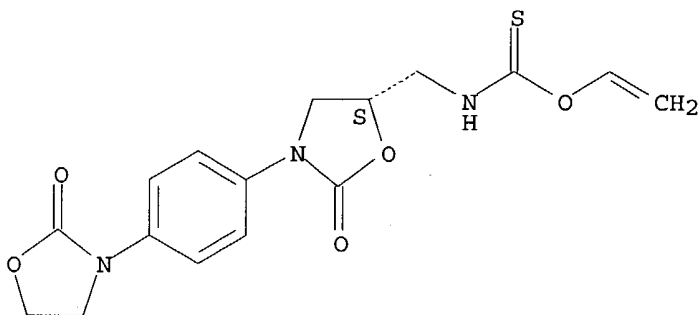




RN 439903-66-9 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-ethenyl ester (9CI) (CA INDEX NAME)

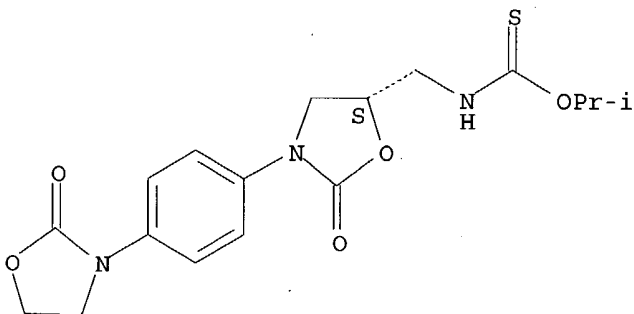
Absolute stereochemistry.



RN 439903-67-0 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-(1-methylethyl) ester (9CI) (CA INDEX NAME)

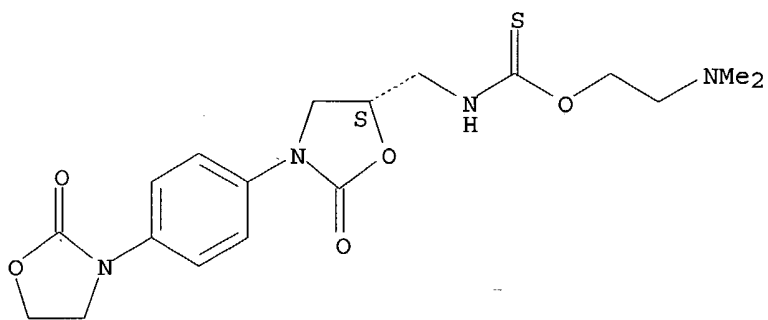
Absolute stereochemistry.



RN 439903-81-8 CAPLUS

CN Carbamothioic acid, [[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-[2-(dimethylamino)ethyl] ester (9CI) (CA INDEX NAME)

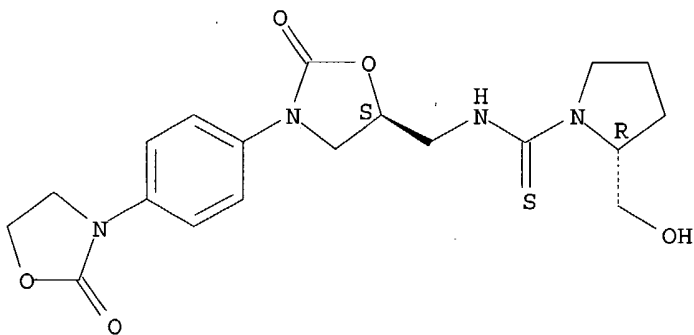
Absolute stereochemistry.



RN 439903-90-9 CAPLUS

CN 1-Pyrrolidinecarbothioamide, 2-(hydroxymethyl)-N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, (2R)- (9CI) (CA INDEX NAME)

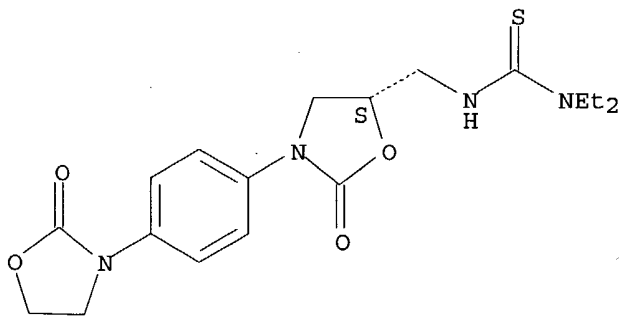
Absolute stereochemistry.



RN 439903-91-0 CAPLUS

CN Thiourea, N,N-diethyl-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

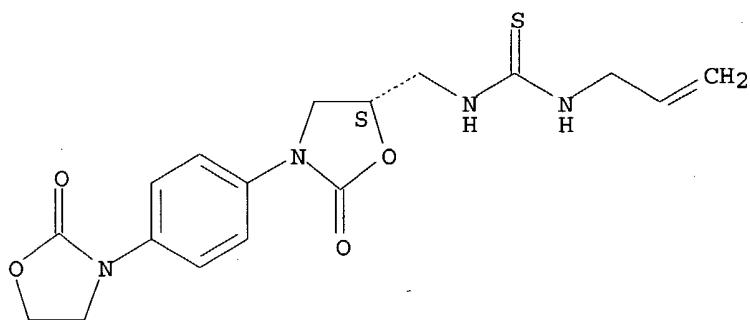


RN 439903-92-1 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-2-propenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

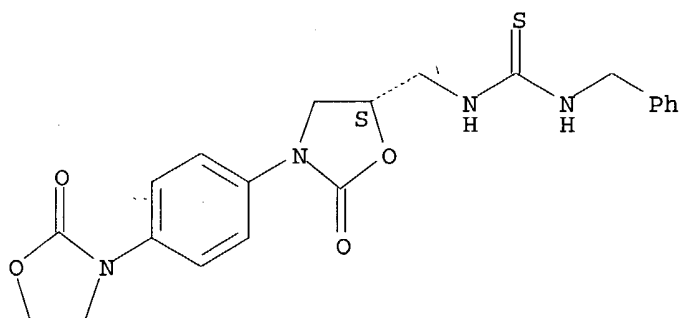
10/04/2004



RN 439903-93-2 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)

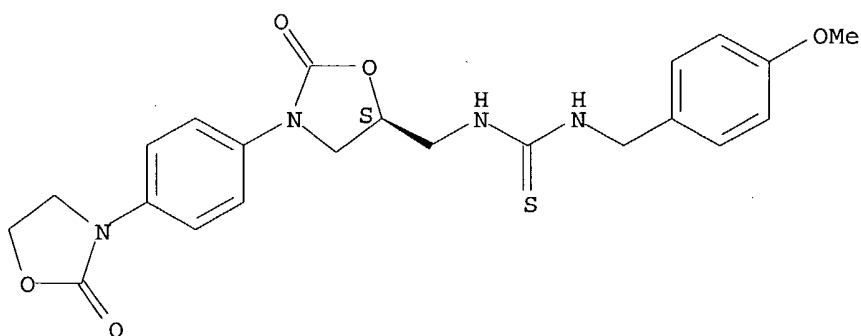
Absolute stereochemistry.



RN 439903-94-3 CAPLUS

CN Thiourea, N-[[[(4-methoxyphenyl)methyl]-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

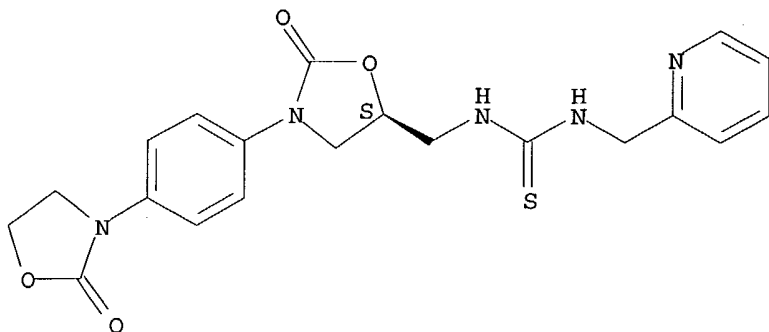
Absolute stereochemistry.



RN 439903-95-4 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

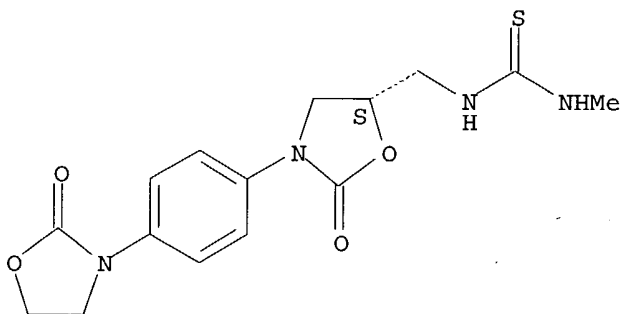
Absolute stereochemistry.



RN 439903-96-5 CAPLUS

CN Thiourea, N-methyl-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

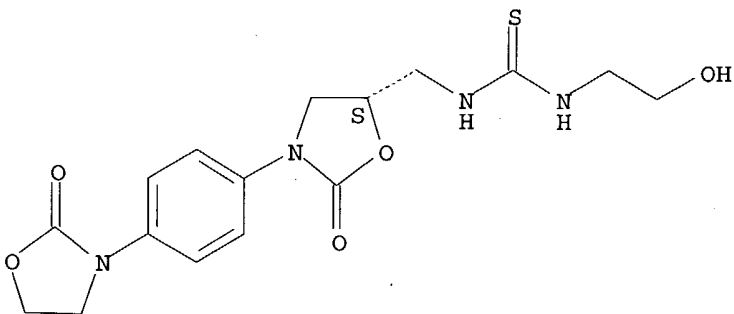
Absolute stereochemistry.



RN 439903-97-6 CAPLUS

CN Thiourea, N-(2-hydroxyethyl)-N'-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

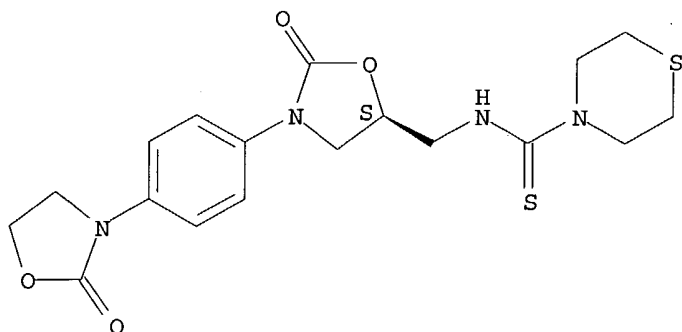
Absolute stereochemistry.



RN 439903-98-7 CAPLUS

CN 4-Thiomorpholinecarbothioamide, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

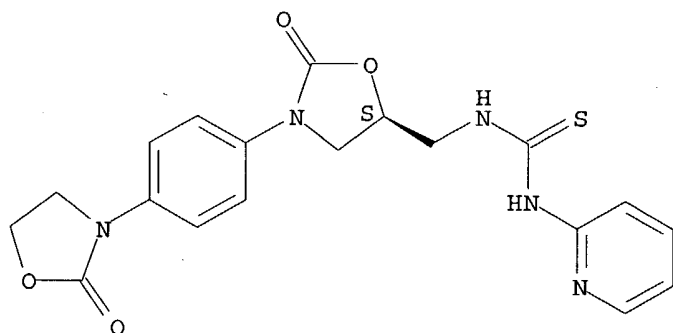
Absolute stereochemistry.



RN 439903-99-8 CAPLUS

CN Thiourea, N-[[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-N'-2-pyridinyl]- (9CI) (CA INDEX NAME)

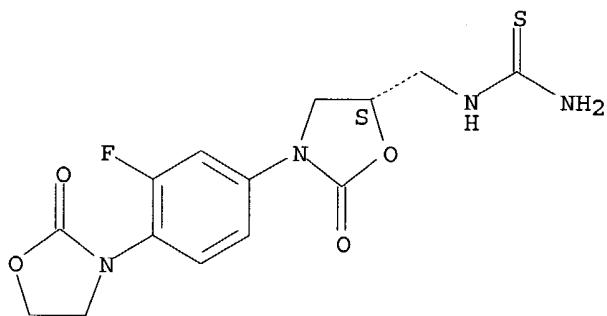
Absolute stereochemistry.



RN 439904-00-4 CAPLUS

CN Thiourea, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-N'-2-pyridinyl]- (9CI) (CA INDEX NAME)

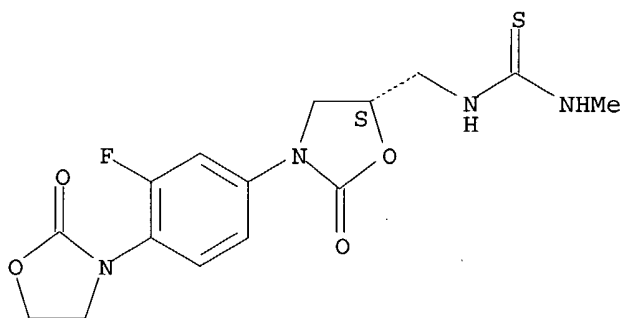
Absolute stereochemistry.



RN 439904-01-5 CAPLUS

CN Thiourea, N-[[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-N'-2-pyridinyl]- (9CI) (CA INDEX NAME)

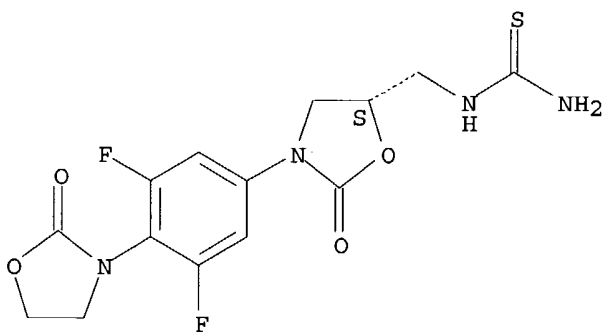
Absolute stereochemistry.



RN 439904-02-6 CAPLUS

CN Thiourea, [[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

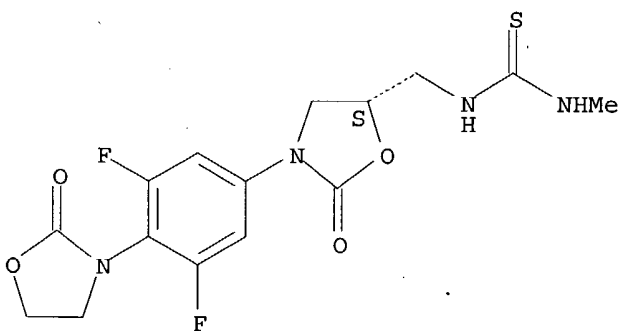
Absolute stereochemistry.



RN 439904-03-7 CAPLUS

CN Thiourea, N-[[[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-N'-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

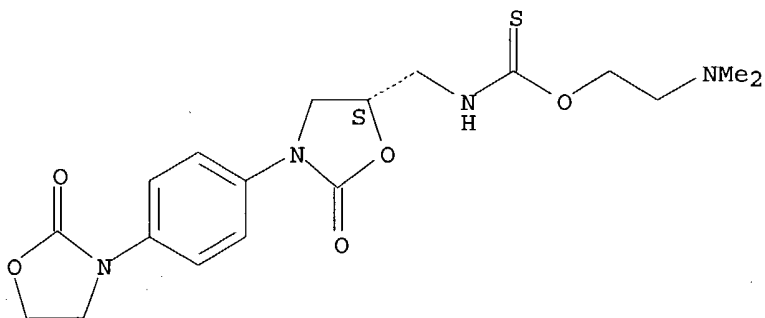


RN 439904-04-8 CAPLUS

CN Carbamothioic acid, [[[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]-, O-[2-(dimethylamino)ethyl] ester, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/04/2004



● HCl

L10 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1979:421173 CAPLUS

DOCUMENT NUMBER: 91:21173

TITLE: Poly-2-oxazolidinones prepared from isocyanates and epoxides

AUTHOR(S): Braun, Dietrich; Weinert, Johann

CORPORATE SOURCE: Dtsch. Kunstst. Inst., Darmstadt, 6100, Fed. Rep. Ger.

SOURCE: Angewandte Makromolekulare Chemie (1979), 78, 1-19

CODEN: ANMCBO; ISSN: 0003-3146

DOCUMENT TYPE: Journal

LANGUAGE: German

AB Diisocyanates [OCNZNCO; Z = (CH<sub>2</sub>)<sub>6</sub>, p-C<sub>6</sub>H<sub>4</sub>, 2,6-tolylen] are copolymd. in polar organic solvents with bisphenol A and hydroquinone diglycidyl ethers, p-phenylenedioxirane, and hexamethylenedioxirane to give polymers containing 2-oxazolidinone units and stable to 250-340°C. ONC(CH<sub>2</sub>)<sub>6</sub>NCO with aromatic dioxiranes yields products m. 80-100° and soluble in DMF, while aromatic diisocyanates provide polymers m. 210-30° plus dark, infusible byproducts, the formation of which may be avoided by using low-melting monooxazolidinones as solvents.

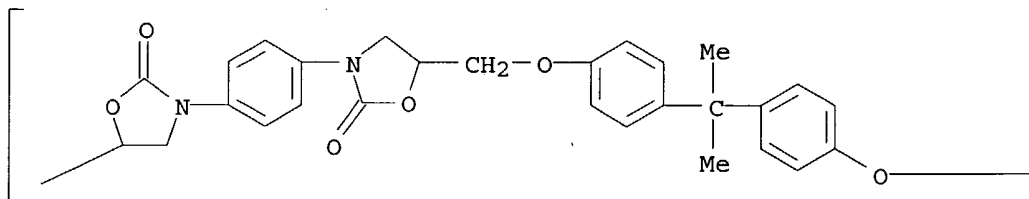
IT 70649-98-8P 70649-99-9P 70650-00-9P  
70656-56-3P

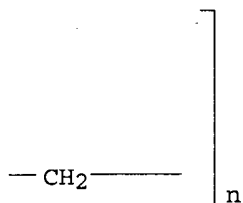
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and thermal properties of)

RN 70649-98-8 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)methyleneoxy-1,4-phenylene(1-methylethylidene)-1,4-phenyleneoxymethylene] (9CI) (CA INDEX NAME)

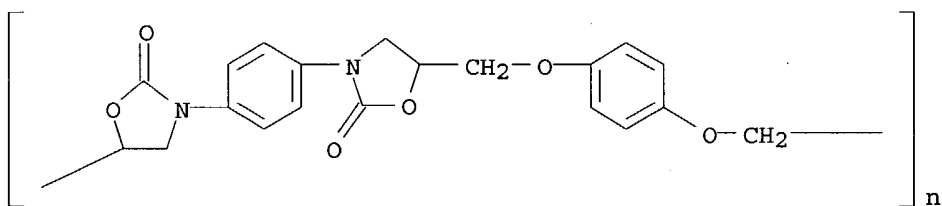
PAGE 1-A





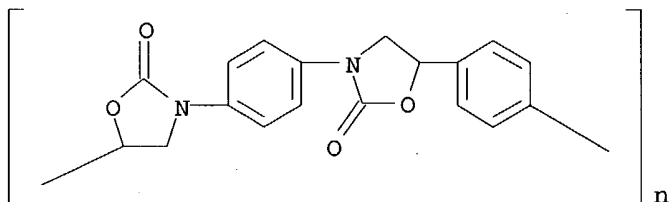
RN 70649-99-9 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)methyleneoxy-1,4-phenyleneoxymethylene] (9CI) (CA INDEX NAME)



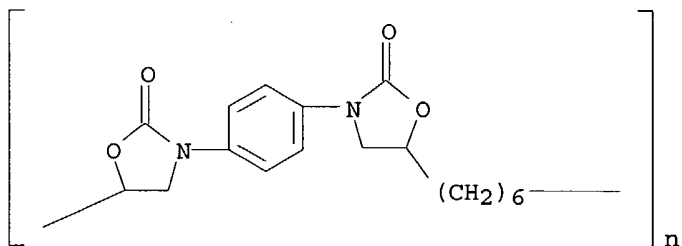
RN 70650-00-9 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)-1,4-phenylene] (9CI) (CA INDEX NAME)



RN 70656-56-3 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)-1,6-hexanediyl] (9CI) (CA INDEX NAME)



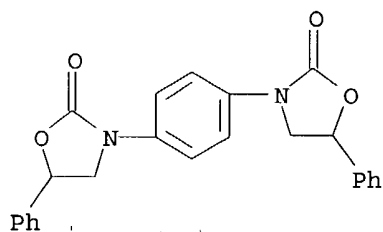
IT 69974-32-9 69974-33-0

RL: PRP (Properties)  
(thermal stability of)

RN 69974-32-9 CAPLUS

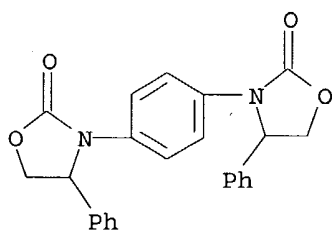


CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl- (9CI) (CA INDEX NAME)



RN 69974-33-0 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl- (9CI) (CA INDEX NAME)



L10 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1979:168494 CAPLUS

DOCUMENT NUMBER: 90:168494

TITLE: Reaction of epoxides with isocyanates, II.

Preparation and characterization of 2-oxazolidinones

AUTHOR(S): Braun, Dietrich; Weinert, Johann

CORPORATE SOURCE: Dtsch. Kunstst.-Inst., Darmstadt, Fed. Rep. Ger.

SOURCE: Liebigs Annalen der Chemie (1979), (2), 200-9

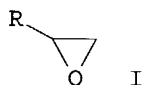
CODEN: LACHDL; ISSN: 0170-2041

DOCUMENT TYPE: Journal

LANGUAGE: German

OTHER SOURCE(S): CASREACT 90:168494

GI



AB Isocyanates react with epoxides to yield 2-oxazolidinones. The reaction of isocyanates with unsym. substituted epoxides I (R = Me, Ph, vinyl) was studied in order to investigate differences in the direction of ring opening of the epoxides as a function of the type of catalyst (nucleophilic or electrophilic). With the exception of I (R = Ph), where 3,4-diphenyl-2-oxazolidinone and 3,3'-p-phenylenebis(4-phenyl-2-oxazolidinone) are formed, epoxides lead to 5-substituted 2-oxazolidinones, independent of the catalyst.

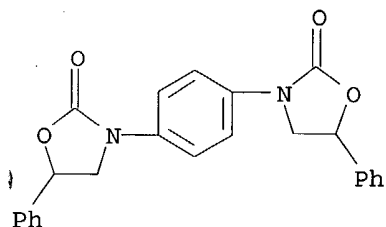
IT 69974-32-9P 69974-33-0P 69974-34-1P

10/04/2004

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

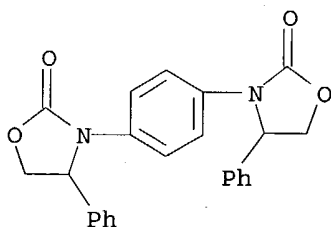
RN 69974-32-9 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl- (9CI) (CA INDEX NAME)



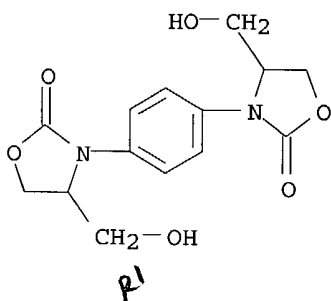
RN 69974-33-0 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl- (9CI) (CA INDEX NAME)



RN 69974-34-1 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-(hydroxymethyl)- (9CI) (CA INDEX NAME)



L10 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1979:167509 CAPLUS

DOCUMENT NUMBER: 90:167509

TITLE: Reaction of epoxides with isocyanates, III. Study of 2-oxazolidinones by mass spectrometry

AUTHOR(S): Braun, Dietrich; Weinert, Johann

CORPORATE SOURCE: Dtsch. Kunstst.-Inst., Darmstadt, Fed. Rep. Ger.

SOURCE: Liebigs Annalen der Chemie (1979), (2), 210-18

CODEN: LACHDL; ISSN: 0170-2041

DOCUMENT TYPE: Journal

LANGUAGE: German

AB The decomposition of 2-oxazolidinones in the mass spectrometer is initiated by elimination of CO<sub>2</sub> by β-decomposition and α-cleavage by liberation

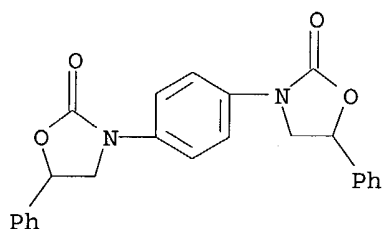
of CO and of the corresponding aldehyde. The 5-aryl-3-phenyl-2-oxazolidinones undergo both reactions at roughly equal rates. 5-Alkyl- or 5-alkylidene-3-phenyl-2-oxazolidinones preferentially eliminate CO<sub>2</sub>. The main degradation reaction of 4-aryl-3-phenyl-2-oxazolidinones is  $\alpha$ -cleavage.

IT 69974-21-6 69974-22-7 69974-29-4

RL: RCT (Reactant); RACT (Reactant or reagent)  
(mass spectral decomposition of)

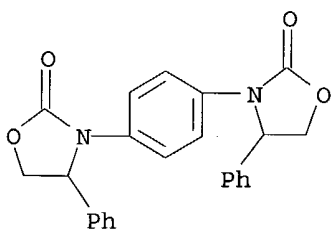
RN 69974-21-6 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl-, radical ion(1+) (9CI)  
(CA INDEX NAME)



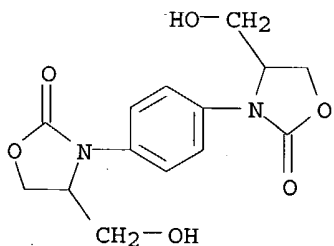
RN 69974-22-7 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl-, radical ion(1+) (9CI)  
(CA INDEX NAME)



RN 69974-29-4 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-(hydroxymethyl)-, conjugate monoacid (9CI) (CA INDEX NAME)



● H<sup>+</sup>

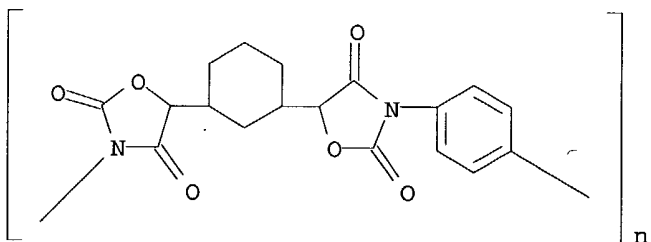
ACCESSION NUMBER: 1968:467922 CAPLUS  
 DOCUMENT NUMBER: 69:67922  
 TITLE: Poly(2,4-oxazolidinediones)  
 INVENTOR(S): Maekawa, Haruki; Harada, Kimiko  
 PATENT ASSIGNEE(S): Toyo Rayon Co., Ltd.  
 SOURCE: Jpn. Tokkyo Koho, 5 pp.  
 CODEN: JAXXAD  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 43009077	B4	19680412	JP	19641209

AB  $\alpha, \alpha'$ -Dihydroxydicarboxylic esters such as p-[MeO<sub>2</sub>CCH(OH)]<sub>2</sub>C<sub>6</sub>H<sub>4</sub> (I), [p-MeO<sub>2</sub>CCH(OH)C<sub>6</sub>H<sub>4</sub>]<sub>2</sub>, and 1,3-cyclohexylene bisglycolate esters are treated with an organic diisocyanate at <150° to give a polyurethane which was pyrolyzed to give the heat-stable title polymers. Thus, 10.1 g. I and 10 g. (p-OCNC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>CH<sub>2</sub> in 50 ml. warm Cl<sub>2</sub>CHCHCl<sub>2</sub> were treated with 0.05 g. Bu<sub>2</sub>Sn dilaurate to give a rubberlike polymer, which was taken up in HCONMe<sub>2</sub> and made into colorless film, m. 195-200°. Heating 10 hrs. at 200° gave a yellow, flexible film, m. >300°, resistant 15 hrs. to 65% H<sub>2</sub>SO<sub>4</sub> at 100°. 1,4-Cyclohexylene diisocyanate and p-(OCN)<sub>2</sub>C<sub>6</sub>H<sub>4</sub> were also used.

IT 31761-47-4P  
 RL: PREP (Preparation)  
 (preparation of)

RN 31761-47-4 CAPLUS  
 CN Poly[(2,4-dioxo-3,5-oxazolidinediyl)-1,3-cyclohexanediyl(2,4-dioxo-5,3-oxazolidinediyl)-1,4-phenylene] (9CI) (CA INDEX NAME)



L10 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1962:469211 CAPLUS  
 DOCUMENT NUMBER: 57:69211  
 ORIGINAL REFERENCE NO.: 57:13748f-i,13749a-b  
 TITLE: Studies of 2-oxazolidinones. I. A convenient synthesis of 3-substituted 2-oxazolidinones  
 AUTHOR(S): Oda, Ryohei; Miyanoki, Masahiko; Okano, Masaya  
 CORPORATE SOURCE: Kyoto Univ., Sakyo-ku  
 SOURCE: Bulletin of the Chemical Society of Japan (1962), 35, 1309-12  
 CODEN: BCSJA8; ISSN: 0009-2673  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable

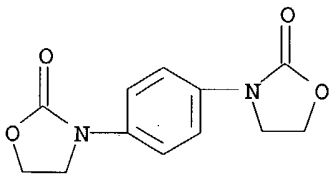
AB RR'NCO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>Cl (I) was prepared (Method A) by the condensation of -chloroethyl chloroformate (II) with amines and (Method B) by that of

isocyanates with ethylene chlorohydrin (III). I was then cyclized to 3-substituted 2-oxazolidinone by the use of NaOEt. COCl<sub>2</sub> passed rapidly into 161 g. III 3 hrs. at 0°, allowed to stand until the evolution of HCl had subsided, refluxed 2 hrs., and distilled gave 93% II, b. 149-53°. II (59 g.) added to a mixture of 25 g. tert-BuNH<sub>2</sub> and 41 g. Et<sub>3</sub>N, heated to 70° 30 min., poured onto 200 ml. H<sub>2</sub>O, extracted with two 100-ml. portions ET<sub>2</sub>O, dried, and distilled yielded 63% I (R = tert-Bu), b. 70°. A mixture of 43 g. II and 34.5 g. o-nitroaniline heated to 120° 1 hr. yielded 98% I (R = o-nitrophenyl), m. 70.5° (ligroine). A mixture of 25 g. nBuNCO and 21 g. III in 50 ml. dry benzene refluxed 5 hrs., concentrated, and distilled yielded 83% I (R = Bu), b. 4.3 113°. III (21 g.) and 33.3 g. p-tolylisocyanate in 50 ml. toluene refluxed 2 hrs. and evaporated gave 78% I (R = p-tolyl), m. 61° (benzene). I prepared were (R, R', method of preparation, % yield, and m.p. given): Ph, H, B, 80, 49°; o-tolyl, H, A, 91, 45°; p-NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>, H, B, 88, 116°; p-EtO<sub>2</sub>CC<sub>6</sub>H<sub>4</sub>, H, A, 86, 145°; p-ClC<sub>6</sub>H<sub>4</sub>, H, A, 69, 69°; 1-anthraquinonyl, H, A, 84, 184°; (RR'=) (CH<sub>2</sub>)<sub>2</sub>, A, 39, 136°; (RR'=) (CH<sub>2</sub>)<sub>4</sub>, B, 50, 118°. Also prepared were (ClCH<sub>2</sub>CH<sub>2</sub>O<sub>2</sub>CNH) <sub>2</sub> C<sub>6</sub>H<sub>4</sub>-m, B, 79, 115.5° and (ClCH<sub>2</sub>CH<sub>2</sub>O<sub>2</sub>CNH) <sub>2</sub> C<sub>6</sub>H<sub>4</sub>-p, B, 78, 202°. NaOEt prepared from 7.5 g. Na and 50 ml. EtOH was added to 48.5 g. I [(RR'=) (CH<sub>2</sub>)<sub>4</sub>] in 50 ml. dioxane at 70-80°, heated 1 hr., filtered to remove NaCl, and the solvent evaporated to give 95% 3,3'-tetramethylenebis(2-oxazolidinone), m. 118°. A solution of 5g. Na in 50ml. EtOH added to 29.5 g. I (R = Ph, R' = H) in 50 ml. EtOH at 65-70° and heated 1 hr. yielded 94% 3-phenyl-2-oxazolidinone, m. 1180 (benzene). 3-R-2-Oxazolidinones prepared were [R, % yield, m.p. (or b.p.) given]: Bu, 80, (b. 122°); tert-Bu, 62, (b. 94°); p-tolyl, 70, 91°; o-tolyl, 80, (b. 170°); p-O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>, 95, 154.5°; o-O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>, 94, 165°; EtO<sub>2</sub>CC<sub>6</sub>H<sub>4</sub>, 97, 110°; p-ClC<sub>6</sub>H<sub>4</sub>, 85, 121°; 1-anthraquinonyl, 85, 226.5°. Also prepared were: 3,3'-ethylenebis(2-oxazolidinone), 80, 107°; 3,3'-m-phenylenebis(2-oxazolidinone), 62, 175°; 3,3'-p-phenylenebis(2-oxazolidinone), 68, 253°.

IT 92848-70-9, 2-Oxazolidinone, 3,3'-p-phenylenebis-  
(preparation of)

RN 92848-70-9 CAPLUS

CN 2-Oxazolidinone, 3,3'-p-phenylenebis- (7CI) (CA INDEX NAME)



L10 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1957:29820 CAPLUS

DOCUMENT NUMBER: 51:29820

ORIGINAL REFERENCE NO.: 51:5754g-i,5755a-i,5756a-c

TITLE: The azole series. I. Preparation and properties of 2-oxazolones

AUTHOR(S): Gompper, Rudolf

CORPORATE SOURCE: Tech. Hochschule, Stuttgart, Germany

SOURCE: Chemische Berichte (1956), 89, 1748-62

CODEN: CHBEAM; ISSN: 0009-2940

DOCUMENT TYPE: Journal

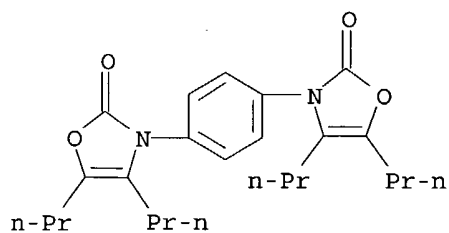
LANGUAGE: Unavailable

AB Refluxing 10 g. benzoin with 25 g. Me<sub>2</sub>NCOC<sub>2</sub>H<sub>5</sub> 4 hrs. on a water bath and distilling the chloride yield 90% benzoin N,N-dimethylcarbamate (I), m. 156°. Treating 37 g. PhCOCH<sub>2</sub>NHCO<sub>2</sub>Et with 4.5 g. Na in EtOH 15 hrs. at 20° and adding H<sub>2</sub>O give α-carbethoxyamino-N-phenacylbenzoylacetamide (II), m. 286° (decomposition). N-Unsubstituted 2-oxazolones are prepared: a, by heating an α-hydroxyketone (III) with excess urethan (IV) in a ratio of 1:5-10 with slow distillation and pouring the mixture into H<sub>2</sub>O; b, by refluxing III with excess IV in HCONMe<sub>2</sub> in the presence of a small amount of C<sub>5</sub>H<sub>5</sub>N; c, by refluxing III and IV in AcOH in the presence of concentrated H<sub>2</sub>SO<sub>4</sub>; da, by adding a carbamide acid chloride and C<sub>5</sub>H<sub>5</sub>N to III in C<sub>6</sub>H<sub>6</sub> or Et<sub>2</sub>O with cooling, keeping the mixture several hrs. at 20°, distilling the solvent, and refluxing the residue 1 hr. with 5:1 EtOH-H<sub>2</sub>SO<sub>4</sub>; db, treating the mixture without removal of the solvent 2-4 hrs. with polyphosphoric acid, pouring the mixture into H<sub>2</sub>O, and making the solution alkaline with NaOH; e, heating a N,N-dimethylcarbamide acid ester of

III with a mixture of NH<sub>4</sub>OAc and AcOH. Refluxing 33 g. propionoin (V) and 81 g. IV 15 hrs. in 70 cc. HCONMe<sub>2</sub> gives 37% 4,5-diethyl-2-oxazolone, b0.01 135-6°, m. 73°, which is also obtained in 40% yield when 38.7 g. V and 27 g. H<sub>2</sub>NCOC<sub>2</sub>H<sub>5</sub> in 500 cc. C<sub>6</sub>H<sub>6</sub> are kept at 20°, the mixture is poured into H<sub>2</sub>O, adjusted to pH 8, extracted with Et<sub>2</sub>O, and the residue of the Et<sub>2</sub>O is fractionally distilled. Treating 28 g. butyroin and 174 g. IV 6 hrs. according to a yields 41% 4,5-dipropyl-2-oxazolone (VI), b0.05 150°, m. 220°; according to b (15 hrs. reflux), 46% VI; or according to d, from 53 g. butyroin and 44 g. H<sub>2</sub>NCOC<sub>2</sub>H<sub>5</sub> in 400 cc. C<sub>6</sub>H<sub>6</sub>, 71% VI. 4,5-Diisopropyl-2-oxazolone, b, from 29 g. isobutyroin (VII) and 80 g. IV in 100 cc. HCONMe<sub>2</sub>, 46%, b0.02 128-33°, platelets, m. 128°; da, from 18.5 g. VII and 10.3 g. H<sub>2</sub>NCOC<sub>2</sub>H<sub>5</sub> in 350 cc. C<sub>6</sub>H<sub>6</sub>, 58%, m. 136°. The following addnl. substituted 2-oxazolones are prepared: 4,5-di-Bu, da, 47%, b0.01 166-7°; 4,5-di-Me<sub>2</sub>CHCH<sub>2</sub>, da, 64%, b0.2 172-4°; 4,5-di-Am, da, 17%, b0.02 160-2°; 4,5-di-C<sub>6</sub>H<sub>13</sub>, da, 19%, b0.02 162°; 4,5-di-C<sub>7</sub>H<sub>15</sub>, da, 50%, b0.005 167°; 4,5-di-C<sub>9</sub>H<sub>19</sub>, da, 41%, b0.02 220-2°; 5-Et, 4-Ph, da, 49%, b0.005 134-44°, m. 128°; 5-Pr homolog, da, 94%, b0.01 180-5°, m. 135°; 5-Bu homolog, db, 41% b0.01 186°; 5-C<sub>8</sub>H<sub>17</sub> homolog, db, 44%, b0.01 193°; 4,5-di-Ph (VIII), a, 91%, b (6 hrs.), 93%, c (3 hrs.), 51%, da, 84%, e (6 hrs.), 95%, shiny needles, m. 211°; 5-phenyl-4-(p-methoxyphenyl), da, 71%, m. 212°; 4,5-bis(3,4,5-trimethoxyphenyl), b (5 hrs.), 75%, m. 214-15°; 4,5-bis(p-chlorophenyl), b (8 hrs.), 57%, m. 195°; 5-phenyl-4-(p-dimethylaminophenyl) (IX), from 75 g. p-dimethylaminobenzoin (X) and 15 g. IV, a (5 hrs.), 42%, m. 205° (decomposition); p-di-Et homolog, from 8.5 g. p-diethylaminobenzoin and 21 g. IV, a, 43%, m. 208° (decomposition); 3,5-di-(2-pyridyl), from 11 g. α-pyridoin and 22 g. IV, b (16 hrs.), 41%, shiny deep red needles, m. 219°; 4,5-tetramethylene-2-imidazolone, from 20 g. cyclohexanolone and 90 g. IV, b (30 hrs.), 46%, m. 346°. Methylation of 9 (or 9.6) g. VI in 100 cc. MeOH with CH<sub>2</sub>N<sub>2</sub> (or in aqueous Me<sub>2</sub>CO at pH 8-9 with Me<sub>2</sub>SO<sub>4</sub>) yields 51% (or 68%) 3-methyl-VI, b0.01 110-14°; methylation of 11 (or 5) g. VIII (or 4 g. acetyl-VIII) in 300 cc. N NaOH and Me<sub>2</sub>CO (or in 20 or 50 cc. MeOH) with 19 g. Me<sub>2</sub>SO<sub>4</sub> and 100 cc. N NaOH (or excess CH<sub>2</sub>N<sub>2</sub>) at 40° and 2 hrs. at 100° gives 90% (94 or 78%) 3-methyl-VIII, b0.04 195-215°, needles, m. 96°. Refluxing 5 g. VIII and 6 g. Ag<sub>2</sub>O 8 hrs. in 12 g. MeI gives 62% 2-methoxy-VIII, b0.01 125-42°, and 0.9 g. 3-methyl-VIII, b0.01 160-72°. Adding 12 g. PhCH<sub>2</sub>Cl dropwise to 9 g. VIII in 100 cc. N NaOH and 100 cc. Me<sub>2</sub>CO at 40-50° with stirring, keeping the mixture 3 hrs., diluting it with H<sub>2</sub>O, and extracting with Et<sub>2</sub>O give 41% 3-benzyl-VIII, m. 100°. Refluxing 30 g. VI 3 hrs.

with 14 g. C<sub>5</sub>H<sub>5</sub>N and 150 cc. Ac<sub>2</sub>O yields 64% 4,5-dipropyl-3-acetyl-2-oxazolone, b<sub>0.02</sub> 86-7°, b<sub>0.002</sub> 70°; 3-acetyl-VIII, 85%, m. 139°, is readily saponified on treatment with NH<sub>4</sub>OH; 3-chloroacetyl-VIII, 91%, m. 155°; 3-benzoyl-VIII, 67%, m. 178°; 3-acetyl-IX, 55%, needles, m. 147°. Treating 23 g. V with 23 g. PhNCO and a few drops of C<sub>5</sub>H<sub>5</sub>N gave 42% propionoin carbanilate, m. 121°, which (13.7 g.), refluxed with 80 cc. Ac<sub>2</sub>O, yields 64% 4,5-diethyl-3-phenyl-2-oxazolone, m. 96.5°; butyroin carbanilate, 67%, m. 132°; 4,5-dipropyl-3-phenyl-2-oxazolone, 84%, m. 50.5°. Warming 10 g. butyroin and 10 g. PhCH<sub>2</sub>NCO with a few drops of C<sub>5</sub>H<sub>5</sub>N 2 hrs. on a water bath gives 88% butyroin N-benzylcarbamate, m. 133-4°; 4,5-dipropyl-3-benzyl-2-oxazolone b<sub>0.001</sub> 148-56°, m. about 40°. Refluxing 57.5 g. butyroin, 35.2 g. p-C<sub>6</sub>H<sub>4</sub>(NCO)<sub>2</sub>, and 1 cc. C<sub>5</sub>H<sub>5</sub>N 4 hrs. in 140 cc. C<sub>6</sub>H<sub>6</sub> yields 81% N,N'-p-phenylenebis(carbamidoacid butyroin ester), m. 181°, which (54 g.), refluxed 2 hrs. with 300 cc. EtOH and 50 cc. concentrated H<sub>2</sub>SO<sub>4</sub>, gives 91% 1,4-bis(4,5-dipropyl-2-oxazolone-3-yl)benzene, m. 132°. Refluxing 34.5 g. valeroine (XI), 27.5 g. C<sub>6</sub>H<sub>11</sub>NCO, and 1 cc. C<sub>5</sub>H<sub>5</sub>N 6 hrs. in 100 cc. C<sub>6</sub>H<sub>6</sub>, distilling the C<sub>6</sub>H<sub>6</sub>, and refluxing the residue 1 hr. in 200 cc. EtOH and 50 cc. concentrated H<sub>2</sub>SO<sub>4</sub> yield 40% 4,5-dibutyl-3-cyclohexyl-2-oxazolone, b<sub>0.01</sub> 115-19°; similarly, 34 g. XI, 24 g. PhNCO, and some C<sub>5</sub>H<sub>5</sub>N 1 day at 20° and 1 hr. at 100° give 46% 4,5-dibutyl-3-phenyl-2-oxazolone, b<sub>0.005</sub> 142-6°. Refluxing 50 g. PhCOCH(OH)Et, 58 g. PhNCO, and 1 cc. C<sub>5</sub>H<sub>5</sub>N in 100 cc. C<sub>6</sub>H<sub>6</sub> 3 hrs. gives 50% α-hydroxybutyrophenone carbanilate, fine silky needles, m. 164°, which (41 g.), refluxed 3 hrs. in 160 g. AcOH, gives 91% 5-ethyl-3,4-diphenyl-2-oxazolone, cubes, m. 121°. Benzoin and PhNCO via the benzoin carbanilate yield 90% 3,4,5-triphenyl-2-oxazolone, m. 211°, which is also obtained in 76% yield when 15 g. benzoin, 57 g. PhNHCO<sub>2</sub>Et, and 2 cc. C<sub>5</sub>H<sub>5</sub>N in 150 cc. HCONMe<sub>2</sub> are refluxed 12 hrs., or in 10% yield when 14 g. BzCl is added dropwise to 7 g. NaN<sub>3</sub> in 150 cc. HCONMe<sub>2</sub>, then 20 g. benzoin and 0.5 cc. C<sub>5</sub>H<sub>5</sub>N added, and the mixt heated 2 hrs. at 50°. Heating 10 g. benzoin and 6.6 g PhCH<sub>2</sub>NCO 0.5 hr. at 110-20° yields 50% benzoin N-benzylcarbamate, m. 188°, which (6.6 g.), refluxed 2 hrs. in 150 cc. AcOH, gives 83% 3-benzyl-VIII, m. 100°. Refluxing 7 g. benzoin and 35 g. 2-C<sub>10</sub>H<sub>7</sub>NHCO<sub>2</sub>Et in 100 cc. HCONMe<sub>2</sub> 20 hrs. yields 52% 4,5-diphenyl-3-β-naphthyl-2-oxazolone, m. 195-6°. Refluxing 20 g. p-methoxybenzoin and 12 g. PhNCO 2 hrs. in 150 cc. C<sub>6</sub>H<sub>6</sub> gives 97% p-methoxybenzoin carbanilate, m. 209°, which (16 g.) refluxed 2 hrs. with 150 cc. EtOH and 30 cc. concentrated H<sub>2</sub>SO<sub>4</sub>, gives 85% 3,5-diphenyl-4-(p-methoxyphenyl)-2-oxazolone, m. 161°. Refluxing 23 g. X and 21 g. PhNCO 1 hr. in 150 cc. C<sub>6</sub>H<sub>6</sub> gives 91% p-dimethylaminobenzoin carbanilate, m. 211°, which (16 g.), refluxed in EtOH and concentrated H<sub>2</sub>SO<sub>4</sub>, yields 85% 3,5-diphenyl-4-(p-dimethylaminophenyl)-2-oxazolone, m. 245°. Refluxing 169 g. PhCOCHBrEt 12 hrs. in 133 g. H<sub>2</sub>O and 375 g. HCONMe<sub>2</sub> gives 75% PhCOCH(OH)Et, b<sub>12</sub> 131.5-2.5°; PhCOCHBrPr, refluxed 20 hrs. in 250 cc. HCONMe<sub>2</sub> and 90 g. H<sub>2</sub>O, gives 80% PhCOCH(OH)Pr, b<sub>0.05</sub> 80°; PhCOCH(OH)Bu, 67%, b<sub>0.01</sub> 84°; PhCOCH(OH)C<sub>8</sub>H<sub>17</sub>, 78%, b<sub>0.01</sub> 115°.

IT 113927-66-5, 4-Oxazolin-2-one, 3,3'-p-phenylenebis[4,5-dipropyl-  
(preparation of)  
RN 113927-66-5 CAPLUS  
CN 4-Oxazolin-2-one, 3,3'-p-phenylenebis[4,5-dipropyl- (6CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
46.42	515.43

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-6.30	-6.30

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